

THE COMMONWEALTH OF MASSACHUSETTS

State Teachers College
at Fitchburg



Catalog for
1935-1936

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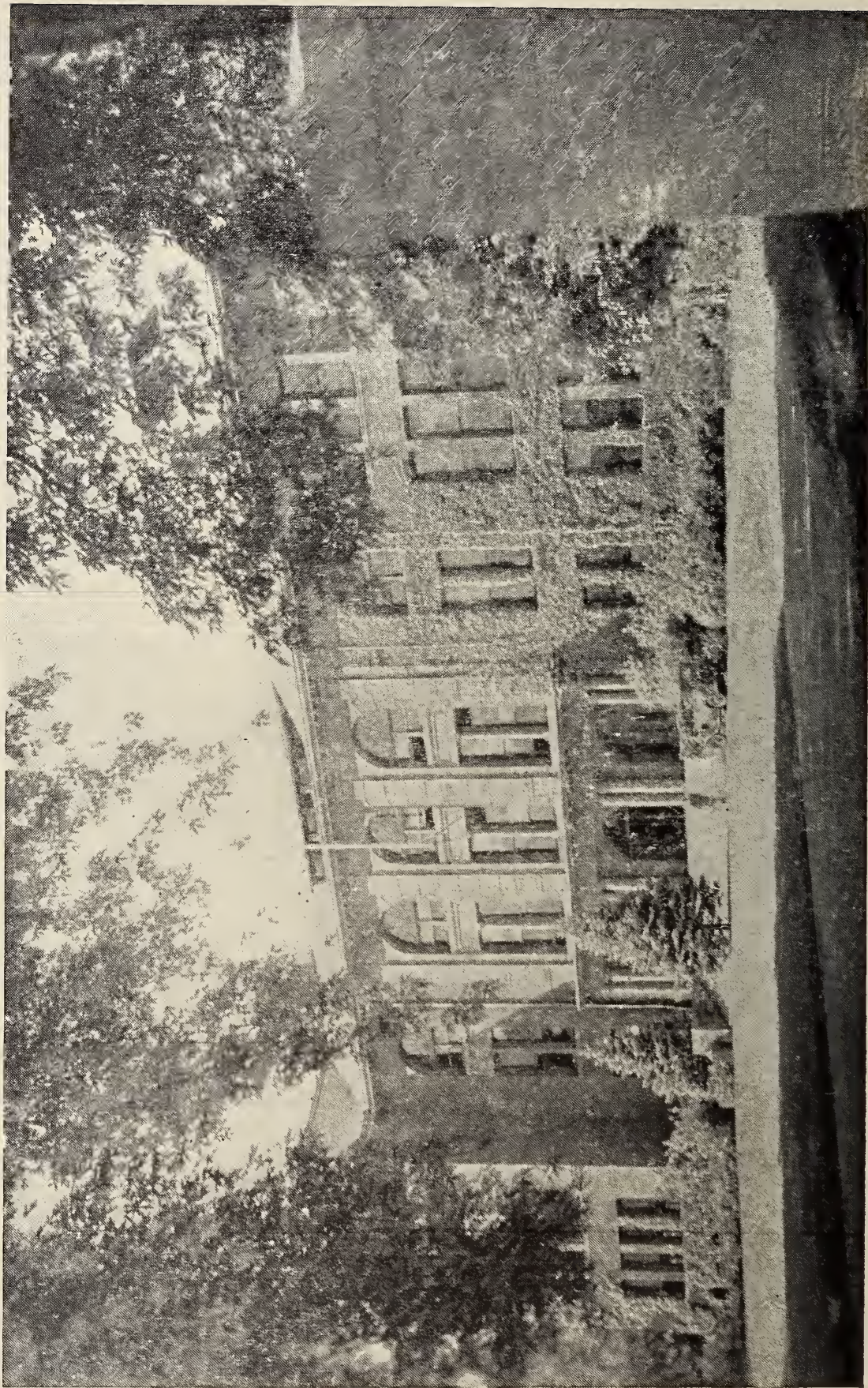
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COLLEGE ADMINISTRATION BUILDING

THE COMMONWEALTH OF MASSACHUSETTS

State Teachers College at Fitchburg

Elementary Department
Junior High School Department
Practical Arts Department
(*Four-year courses leading to degree of B. S. in Education*)



1935-1936

CAT
1935/36

The Department of Education

PAYSON SMITH
Commissioner of Education

FRANK W. WRIGHT
Director, Division of Elementary and Secondary Education
and Teachers Colleges

George H. Varney
Business Agent

ARTHUR B. LORD
Supervisor of Office Organization

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CALENDAR
1935-1936

January 28, 1935 - Second Semester begins
February 22 to March 3, inclusive - Vacation
April 19 - Patriots Day
April 27 to May 5, inclusive - Vacation
May 18 - Alumni Reunion
May 30 - Memorial Day
June 6 and 7 - Entrance Examinations
June 17 - Commencement
July 1 to July 26, inclusive - Summer School Session
September 4, 5, 6 - Teachers College Faculty Conference
September 11 - First Semester begins
November 11 - Armistice Day
November 28 to December 1, inclusive - Thanksgiving Recess
December 21, 1935 to January 1, 1936, inclusive - Christmas Vacation
January 27, 1936 - Second Semester begins
February 22 to March 1, inclusive - Vacation
April 10 - Good Friday
April 20 - Patriots Day
April 25 to May 3, inclusive - Vacation
May 16 - Alumni Reunion
June 4 and 5 - Entrance Examinations
June 12 - Commencement

FACULTY

CHARLES M. HERLIHY (1927)

President

Boston College - A.B. A.M. LL.D

Boston Normal School - Diploma

Boston University and Harvard - Courses

ELEMENTARY AND JUNIOR HIGH SCHOOL DEPARTMENTS

✓ PRESTON SMITH (1895) Physical Science
 Bridgewater Normal School - Diploma (Four Years)
 Harvard, Clark, Teachers School of Science, Tufts - Courses

✓ MARY A. MCCONNELL (1897) Arithmetic and English
 Boston University - B.S.
 North Adams City Training School - Diploma
 Harvard, Columbia, Rochester - Courses

✓ ELIZABETH D. PERRY (1898) Music
 Springfield Conservatory of Music - Diploma
 New York University, Harvard - Courses

✓ SARAH E. LAMPREY (1908) Fine Arts
 Columbia University - B.S.
 Fitchburg Normal School - Diploma (Four Years)

✓ KATHERINE M. MCCARTY (1911) English
 Fitchburg Normal School - Diploma (Four Years)
 Northern University, Emerson - Courses

✓ FLORENCE D. CONLON (1919) Fine Arts
 Boston University - B.S.
 Fitchburg Normal School - Diploma

✓ ARTHUR C. HARRINGTON (1919) History, Civics, Sociology
 Boston University - A.B. Clark University - A.M.

✓ JOHN L. RANDALL (1920) Biological Sciences
 University of New Hampshire - B.S. A.M.

CORA M. HASSELL (1922) Librarian, Library Economy
 Hyannis Normal School - Diploma
 Simmons, Boston University - Courses

✓ MARION L. WEBSTER (1923) Geography
 Columbia University - B.S. A.M.
 Bridgewater Normal School - Diploma
 Harvard, Clark - Courses

✓ FRANK A. CROSIER (1924) Physical Education
 Boston University - B.S.
 Springfield College - Diploma

✓ RALPH F. WESTON (1926) Mathematics, Economics
 University of New Hampshire - A.B. A.M.
 Fitchburg Normal School - Diploma
 Harvard - Courses

✓ GERTRUDE E. BRADT (1927) Dean of Women, Ethics
 Columbia University - B.S. A.M.

✓ CLINTON E. CARPENTER (1928) Education, Director of Training Schools
 Boston University - B.S. Ed.M.
 Bridgewater Normal School - Diploma

✓ HARRY F. PERCIVAL (1928) Psychology and Measurement
 Ottawa University - A.B.
 University of Kansas - A.M.
 Harvard University - Ed.M. Ed.D.

- ✓ JOSEPHINE A. BOLGER (1929) Physical Education
Sargent School of Physical Education - Diploma
Harvard Medical School, Bode School (Warvemunde, Germany),
Boston University - Courses
- ✓ BELLE M. NIXON (1932) English
University of Chicago - A.B.
Columbia University - A.M.
- ✓ DOROTHY STAFFORD (1932) Assistant, Physical Education
Boston University - B.S.
Sargent School of Physical Education - Diploma
- ~~LEONARD WOOD (1934)~~ Assistant, Music
Harvard University - A.B.
New England Conservatory - Music Bach.
- ~~JOHN L. HENDRICKEN (1934)~~ Substitute, Fine Arts
Massachusetts School of Art - B.S.
- ✓ ~~VIRGINIA C. JOYCE (1934)~~ *Mr. Rinehart* Penmanship
Boston University - B.S.
Salem Teachers College - Diploma
-

PRACTICAL ARTS DEPARTMENT

- ✓ WILLIS B. ANTHONY (1909) Director
Massachusetts School of Art - B.S.
Massachusetts School of Art - Diploma (Four Years)
- ✓ ~~CHARLES E. AKLEY (1910)~~ *Mr. Hammond* Woodfinishing
Foreman and Painting Contractor - 5 years
Business College - Diploma
Army College, Fort Leavenworth, Officers Training School - Courses
- ✓ C. BLAIR MACLEAN (1920) Drafting, Guidance
Stout Institute - B.S.
University of Michigan, Clark University - Courses
- ✓ LAWRENCE E. LANDALL (1923) Woodworking
Cabinet Making and Carpentry - Eight Years
Bradley Polytechnic Institute - Courses
- ARTHUR E. PURINTON (1926) Metal Working
Trade Experience, Metal Working - Ten Years
Bradley Polytechnic Institute - Courses
- ✓ CLIFFORD W. HAGUE (1933) Printing
Printing Experience - Seven Years
Lawrence College - A.B.
University of Minnesota, Harvard University - Courses
-

SCHOOLS OF OBSERVATION AND PRACTICE

JUNIOR HIGH SCHOOL

- EDWIN R. CLARK (1931) Principal
Clark University - A.B.
University of Illinois - A.M.
Harvard University, Boston University - Courses
- ANNA E. SIMMONS (1925) Geography
Clark University - B.S. A.M.
- LINA GRAMMONT (1927) French, English
Fitchburg Normal School - Diploma

GERTRUDE M. CUNNINGHAM (1928)	History
Boston University - B.S.	
Fitchburg Normal School - Diploma	
Boston University - Courses	
HENRY P. HEALY (1929)	Latin, English
Holy Cross College - A.B.	
Boston University - Ed.M.	
EDWARD T. KNOWLES (1930)	Arithmetic, Science
Bridgewater Teachers College - B.S.	
Harvard-Tufts Universities - A.M.	
GERTRUDE L. FISKE (1931)	Household Arts
Connecticut State College - B.S.	
Columbia University - A.M.	
CHARLES G. HAPGOOD (1934)	Mathematics, Physical Education
Boston University - B.S.	
Fitchburg Normal School - Diploma	

EDGERLY SCHOOL — FIRST SIX GRADES

LOUISE WINGATE (1929)	Principal
Boston University - B.S.	
North Adams Normal School - Diploma	
Harvard - Courses	
ELMA M. JOHNSON (1919)	Supervisor
Harvard University - Adj.A.	
Fitchburg Normal School - Diploma	
IRENE L. SMITH (1925)	Supervisor
Worcester Normal School - Diploma	
Harvard, Rochester - Courses	
RACHEL S. BRUCE (1927)	Supervisor
Columbia University - B.S.	
Fitchburg Normal School - Diploma	

D. M. DILLON SCHOOL — FIRST SIX GRADES

MARIE M. GEARAN (1922)	Principal
Fitchburg Teachers College - B.S.	
Fitchburg Normal School - Diploma	
KATHERINE F. MCCONNELL (1918)	Supervisor
North Adams City Training School - Diploma	
Columbia, Rochester, Harvard - Courses	
M. CHARLOTTE MAHONEY (1932)	Supervisor
Hyannis Teachers College - B.S.	
Lowell Teachers College - Diploma	

ADMINISTRATION

MAUD A. GOODFELLOW (1898)	Chief Clerk, Registrar
Fitchburg Normal School - Diploma	
Fitchburg Normal School, Payson Heights, Simmons, Harvard - Courses	
HELEN M. O'HORO (1921)	Senior Clerk, Secretary
Fitchburg Normal School - Diploma	
RAUHA WAYRYNEN (1929)	Clerk, Secretary
Fitchburg Normal School - Courses	
CORNELIUS E. GEARY, M. D.	Medical Examiner
Harvard Medical School	

State Teachers College

FITCHBURG, MASSACHUSETTS

A State Program of Teacher Training

The state of Massachusetts provides a comprehensive program of professional preparation for teaching in ten Teachers Colleges. The department of education has established uniform policies governing the administration of these colleges for insuring the best possible training for the teachers of the children in the public schools.

Since the founding of the first normal school in America at Lexington ninety six years ago, Massachusetts has adhered strictly to the principle that such schools shall be conducted solely for teacher training and not for the more general purpose of furnishing higher education of an academic type.

Admission to a Teachers College is therefore restricted to high school graduates who wish to specialize in the field of teacher preparation. Reasonably high standards of scholarship in secondary school work are required for admission by certificate or examination. In addition, every applicant must pass a physical examination by the school physician and present evidence of possessing those traits of character and personality essential to teaching.

Despite the surplus of Teachers College graduates in late years, it is fair to state that school departments in Massachusetts are ready to employ after graduation those young men and women whose records in Teachers College show that they possess sound habits of study, high moral character, teaching aptitude, and a love for children and school work. The opportunities in this field today were never better for those who possess better than average intelligence and a genuine desire to serve.

The Campus

The State Teachers College at Fitchburg, founded in 1895, has a desirable site, covering over twenty acres of land in a residential section that is convenient to the center of the city. The location is 600 feet above sea level with extensive views and is recognized as a healthy environment for Teachers College work. The campus points to Mt. Wachusett to the south and Pearl Hill to the north.

The main campus includes the earliest building to be erected, the Administration Building (1896) which contains the administrative offices, class rooms, library, laboratories, locker rooms and rest rooms for commuting students, and gymnasium; two dormitories — Miller Hall for Women (1903), Palmer Hall for Men (1912); a training school for elementary grades — Edgerly School (1899);

3 Junior High School — Teachers College Junior High (1909); a modern heating plant (1925); a full size Athletic Field (1924); the Greenhouse, gift of Mr. George H. Hastings (1915). Vegetable and flower gardens, shrubbery and trees provide excellent opportunity for Nature Study. The new Practical Arts Building with fully equipped shops is the latest development (1935). Tentative plans have been accepted for a new gymnasium which will provide adequate facilities for men and women students. This building will be located on the south side of the athletic field, which has a playing area of approximately 7 acres. The facilities will serve the dual purpose of training prospective teachers in the right habits of healthful living and in addition give the professional training which teachers need in directing programs of physical education in public schools. It is hoped that an inner campus may be developed on the north side of the administration building.

In addition to the two training schools on the main campus, the college has the use and direction of an additional elementary school owned by the city and situated in the immediate neighborhood, the D. M. Dillon School. The Cowdrey Nursery School is conducted here also. Six hundred children are enrolled in these three training schools. These unusual facilities constitute undoubtedly one of the most desirable and helpful features of the Fitchburg program.

Student Health Service

The health of the student is checked by a complete physical examination by the physician on admission to College and by a reexamination in the senior year. Following these examinations physical defects must be corrected. If a permanent disability is found after the entrance examination, a student is refused admission. During the four years, supervision is made of each student through the Department of Health and Physical Education, the Deans, and the Nurse. The school physician makes periodic visits to check the students brought to his attention. The resident nurse is on duty at the Infirmary in one of the dormitories to give necessary attention at any time to men and women students.

Recreation

The Department of Physical Education plans an all around program for the recreation of the students. This includes an extra curricular program of organized sports for both men and women students and gymnasium work.

Intra-mural and interscholastic tournaments are scheduled for men students under the supervision of the Department of Physical Education and Student Athletic Council. The sports included are

Soccer, Basketball, Ice Hockey, Tennis, and Baseball. Boy Scout leadership training is available.

Similar intra-mural tournaments, in games suitable for the women students are held. These are conducted and managed by the Women's Athletic Association which works closely with the Department of Physical Education. The games and sports include Field Hockey, Soccer, Hiking, Basketball, Bowling, Baseball, Tennis, Archery, Swimming, and Golf.

Summer School

The summer session offers courses in both the General and Practical Arts Department. It affords opportunity for teachers in service to advance beyond their normal training and to broaden their outlook.

Experienced teachers are admitted to summer school without examination or certification, but credit toward a diploma or degree will be given only to those who have complied with the regular admission requirements. Courses carrying college credit are offered in cooperation with the State Division of University Extension.

The State Division of Vocational Education conducts a comprehensive program of summer courses for all types of teachers in state-aided classes.

Application blanks will be sent upon request. Early applicants are favored in the choice of rooms.

EXPENSES

The following paragraphs indicate as nearly as possible the regular expenses for which each student must plan in an annual budget.

SEMESTER FEE — There is an annual fee of \$50.00. Of this amount \$25.00 must be paid at the opening of college in September, and \$25.00 on February 1st.

Non-residents of Massachusetts are required to pay an additional fee of \$125.00 at the beginning of each semester.

BOARD — Rates for board and room are established by the State Department of Education. The present annual rate is \$300 payable as follows: Opening of school, September, \$90.00; December 1, \$70.00; February 1, \$70.00; April 1, \$70.00. Arrangements may be made to pay monthly, i. e. \$30.00 the first of each month in advance.

OTHER STUDENT EXPENSES — There are also during the year certain enterprises carried on by the students that involve some

expense. Each class is organized. There is an athletic association for men and another for women. There is a dormitory students' association and a day students' association, for promoting the welfare of their members and regulating their conduct in matters that affect the welfare of the group.

The dues are determined by the members, but they do not vary greatly from year to year, and usually amount to about seven dollars per year for a woman student and about fifteen dollars for a man. These class expenses are payable at the beginning of the year.

Students in Practical Arts Department pay about \$10 per semester for materials used.

All students in attendance must supply themselves with gymnasium suits and shoes. A letter in regard to the purchase of these will be sent upon application.

TEXTBOOKS AND SUPPLIES — Students are expected to meet the expense of all necessary textbooks and supplies, at an approximate expense of \$25.00 a year.

ALL PAYMENTS MUST BE MADE STRICTLY IN ADVANCE WITHOUT THE PRESENTATION OF BILLS.

REQUIREMENTS FOR ADMISSION

(Effective September, 1935)

- I. APPLICATION FOR ADMISSION. Every candidate for admission to a teachers college is required to fill out a blank entitled "APPLICATION FOR ADMISSION TO A STATE TEACHER'S COLLEGE" and send it to the president of the teachers college that he desires to enter. This blank may be secured from the principal of the high school or the teachers college and may be filed soon after January 1 of the candidate's senior year. The blank should be filed by June 15.
- II. BLANKS TO BE FILED BY THE HIGH SCHOOL PRINCIPAL. The principal of the high school is expected to fill out two blanks—one giving the "HIGH SCHOOL RECORD" for each year, and the other a "RATING OF PERSONAL CHARACTERISTICS"—and send them to the president of the teachers college.
- III. GENERAL QUALIFICATIONS. Every candidate for admission as a regular student must meet the following requirements:

1. **HEALTH.** The candidate must be in good physical condition and free from any disease, infirmity, or other defect that would unfit him for public school teaching. A statement from the family physician and examination by the college physician are the required evidence of satisfactory health.
 2. **HIGH SCHOOL GRADUATION.** The candidate must be a graduate of a standard four-year high school, or have equivalent preparation.
 3. **COMPLETION OF FIFTEEN UNITS OF HIGH SCHOOL WORK.** The "HIGH SCHOOL RECORD" must show the completion of fifteen units accepted by the high school in meeting graduation requirements.
 "A unit represents a year's study in any subject in a secondary school, so planned as to constitute approximately one-fourth of a full year of work for a pupil of normal ability. To count as a unit, the recitation periods shall aggregate approximately 120 sixty-minute hours. Time occupied by shop or laboratory work counts one-half as much as time in recitation."
 4. **PERSONAL CHARACTERISTICS.** The "RATING OF PERSONAL CHARACTERISTICS" and the moral character of the candidate must, in the judgement of the president of the teachers college, warrant the admission of the candidate.
- IV. **SCHOLARSHIP REQUIREMENTS.** Of the 15 units presented for admission, 12 must be selected from the list given under 2, g. of this section and must include the 6 units named in this paragraph as "Prescribed." The additional 3 units required may consist of any work which the high school accepts as meeting its graduation requirements.

PRESCRIBED (6 units)

English	3 units
American History and Civics	1 unit
Mathematics	1 unit
Science	1 unit

1. CERTIFICATION

a. Certification may be granted for work of A or B grade to the amount of 1 unit for each year in which a subject is studied in the high school, provided the candidate is a graduate of a Class A public high school or is in the upper half of the graduating class of a Class B public high school. To be admitted by certification alone, the candidate must present work of A or B grade in 12 units, including both the 6 units given above as "Prescribed" and 6 other units selected from the list

given under 2, g., the number of units in each subject not to exceed the number given in 2, f.

b. In the case of subjects which continue for two years, the grade for the last year must be A or B in order that both units may be accepted for certification; if the subjects continue for three or four years, the grade for one other year, as well as the grade for the last year, must be A or B, in order that 3 or 4 units may be accepted for certification.

In the case of English only 3 units will be accepted among the required 12 units. A fourth unit of English may be accepted as one of the 3 additional units.

2. EXAMINATION

a. Any candidate who is a graduate of a Class A public high school or a Class B public high school, whose record does not entitle him to certification for at least 5 units, is required to secure credit by examination for 12 units of work.

b. Any candidate who is a graduate of a high school not entitled to certification may be permitted to secure credit toward admission by passing examinations in subjects evaluating 10 units (prescribed, 6 units; additional, 4 units), provided the 5 other units necessary to make up the 15 units required for admission represent subjects which the high school accepts as meeting its graduation requirements and in which the candidate has secured grades acceptable to the high school.

c. It is understood that candidates are not to present themselves for examination in subjects not pursued during the last four years of the secondary school.

d. Preliminary examinations may be taken either in June or September by students who have completed the third year in a secondary school in not more than 5 units other than English.

e. Subject to the admission conditions stated above, credits received in the College Entrance Board Examinations may be accepted for admission.

f. The units must be so distributed that the number offered in any field shall not exceed the following, with the provision that the minimum total amount in any chosen field shall be 1 unit: Social Studies, 3 units; Science, 3 units; Foreign Language, 4 units; Mathematics, 3 units; Commercial

subjects, 2 units; Fine and Practical Arts, 2 units.

g. Examinations will be offered by the teachers colleges in the following subjects:

ENGLISH	
English Literature and Composition	3 units
SOCIAL STUDIES	
American History and Civics	1 unit
Community Civics	$\frac{1}{2}$ or 1 unit
History to about 1700	1 unit
European History Since 1700	1 unit
Economics	$\frac{1}{2}$ unit
Problems of Democracy	$\frac{1}{2}$ or 1 unit
Ancient History	1 unit
English History	1 unit
Medieval and Modern History	1 unit
SCIENCE	
General Science	$\frac{1}{2}$ or 1 unit
Biology or Botany or Zoology	$\frac{1}{2}$ or 1 unit
Chemistry	1 unit
Physics	1 unit
Physical Geography	$\frac{1}{2}$ or 1 unit
Physiology and Hygiene	$\frac{1}{2}$ or 1 unit
Astronomy or Geology	$\frac{1}{2}$ or 1 unit
FOREIGN LANGUAGE	
Latin	2, 3, or 4 units
French	2 or 3 units
Spanish	2 units
German	2 or 3 units
Italian	2 or 3 units
MATHEMATICS	
Algebra	1 or 2 units
Arithmetic	1 unit
Geometry	1 unit
College Review Mathematics	1 unit
COMMERCIAL SUBJECTS	
Stenography (including Typewriting)	1 or 2 units
Bookkeeping	1 unit
Commercial Geography	$\frac{1}{2}$ or 1 unit
Commercial Law	$\frac{1}{2}$ unit
FINE AND PRACTICAL ARTS*	
Home Economics	1 unit
Manual Training	1 unit
Drawing	$\frac{1}{2}$ or 1 unit
Music	1 unit

* In this field one additional unit may be granted for admission to the practical arts course at Fitchburg.

V. METHOD OF SELECTION OF CANDIDATES IN CASE OF AN EXCESS OF APPLICANTS. If the number of applicants for admission is, on July 1, in excess of the number that the facilities of the teachers college will accomodate, the plan of



MILLER HALL



OUTDOOR ACTIVITIES



THE ATHLETIC FIELD



ENTRANCE TO ADMINISTRATION BUILDING

admission as already stated will be somewhat modified. The scholarship record and the ratings of the personal characteristics of *all* applicants will be evaluated in accordance with the method stated below. Candidates will then be admitted in the order of their total scores until the capacity of the teachers college has been reached.

(a) Scholarship will be allowed 75 points for 15 units of work.

(b) Personality will be allowed 25 points.

As a basis of computing the total score from the scholarship record, as submitted by the high school principal, a mark of "A" will be given 5 points; "B" 4 points; "C" 3 points; "D" 2 points.

As a basis of computing the personality record, which includes ten characteristics exclusive of health, a mark of "Excellent" will be allowed $2\frac{1}{2}$ points; "Good" 2 points; "Fair" $1\frac{1}{2}$ points; "Poor" 1 point.

VI. PLACE, TIME, AND DIVISION OF EXAMINATION.

Entrance Examinations may be taken in June and September at any state teachers college (including the Massachusetts School of Art) at the convenience of the applicant. A candidate may take all the examinations at one time or divide them between June and September. Permanent credit will be given for any units secured by examination or certification.

VII. ADMISSION AS ADVANCED STUDENTS. A graduate of a normal school or of a college may be admitted as a regular or advanced student, under conditions approved by the Department.

VIII. ADMISSION OF SPECIAL STUDENTS. When any teachers college, after the opening of the college year, can accommodate additional students, the Commissioner may authorize the admission as a special student of any mature person recommended by the president as possessing special qualifications because of exceptional and vital experience and achievement outside of college. Special students are not candidates for diplomas or degrees until they qualify as regular students, but they may receive certificates from the Department upon the satisfactory completion of the work of any curriculum.

SCHEDULE OF ENTRANCE EXAMINATIONS FOR 1935 and 1936**JUNE 6 AND SEPTEMBER 9, 1935****JUNE 4 AND SEPTEMBER 14, 1936**

(Candidates are required to register one-half hour before their first examination)

8:30—10:30 English Literature and Composition.**10:30—12:30 Latin; Commercial Subjects:**

Latin	Commercial Geography
Stenography (including Typewriting)	Commercial Law
Bookkeeping	

1:30— 4:30 Social Studies:

American History and Civics	Economics
Medieval and Modern History	Problems of Democracy
Community Civics	Ancient History
History to about 1700	English History
European History since 1700	

JUNE 7 AND SEPTEMBER 10, 1935**JUNE 5 AND SEPTEMBER 15, 1936****8:30—10:30 Mathematics:**

Arithmetic	College Review Mathematics
Algebra	Geometry

10:30—12:30 Foreign Language:

French	German
Spanish	Italian

1:30— 3:30 Science:

General Science	Physical Geography
Biology, Botany or Zoology	Physiology and Hygiene
Chemistry	Astronomy
Physics	Geology

3:30— 5:00 Fine and Practical Arts:

Home Economics	Manual Training
Drawing	Music

JUNIOR HIGH SCHOOL CURRICULUM

COURSE NO. AND TITLE	SEMESTER HOURS			
	1st yr.	2nd yr.	3rd yr.	4th yr.
EDUCATION				
1 Introduction to Education & Obs .	3	—	—	—
2 General Educational Psychology .	3	—	—	—
3 Psychology of Adolescence .	—	2	—	—
4 Technique of Teaching and Training School Participation .	—	—	4	—
5 Educational Measurements . .	—	—	—	2
6 History and Principles of Education . . .	—	—	—	2
7 Junior High School Organization .	—	—	2	—
8 Practice Teaching	—	—	12	—
9 Social Ethics	0	—	—	—
10 Professional Ethics	—	—	—	1
SPECIAL FIELDS — ENGLISH, SCIENCE, HISTORY, GEOGRAPHY, MATHEMATICS.	—	20	8	16
Elective — See Page 25	—	—	—	10
ENGLISH				
50 Oral Composition	2	—	—	—
51 Written Composition	2	—	—	—
52 Penmanship	½	—	1	—
53 English Literature 1 & 2 . . .	—	6	—	—
59 Library	1	—	—	—
SOCIAL SCIENCE				
100 History of Civilization . . .	3	—	—	—
101 Citizenship Problems	2	—	—	—
102 Human Geography	3	—	—	—
103 Economic Geography	—	3	—	—
104 Sociology	—	3	—	—
105 Economics	—	—	—	3
SCIENCE AND MATHEMATICS				
150 Biology	3	—	—	—
151 Mathematics	3	—	—	—
ARTS				
200 Introduction to Arts	1½	—	—	—
202 Graphic Representation . . .	1½	—	—	—
207 Chorus Music	1	—	—	—
208 Music - Elementary Theory . .	1½	—	—	—
PHYSICAL EDUCATION				
250 Physical Education 1	2	—	—	—
251 Physical Education 2	—	2	—	—
252 Physical Education 3	—	—	1	—
253 Physical Education 4	—	—	—	2
254 Hygiene	1	—	—	—
Totals	34	36	28	36
Four Years — 134 Sem. Hrs.				

FOUR YEAR JUNIOR HIGH SCHOOL COURSE

MAJOR OBJECTIVES

- I. To prescribe adequate fundamental courses in the professional field of education and specialized courses dealing with junior high school problems.
- II. To prescribe a wide range of background courses in subject matter fields.
- III. To provide for the developing and strengthening the personal and social equipment of the teacher.

PRINCIPLES UNDERLYING THE CONSTRUCTION OF THE JUNIOR HIGH SCHOOL COURSE.

- I. No differentiation is to be made in the teachers college courses until the second year. In the course, Introduction to Education, and through auxiliary means, the student is guided in making his choice of the Elementary or Junior High School program and the special fields.
- II. The curriculum is prescribed. The student elects two special fields, but the courses in each field are prescribed. Ten hours of free electives are allowed the last year.
- III. As far as possible, courses in each major field of study are sequential, either from a chronological or from a logical point of view.
- IV. The training period is postponed until the second half of the third year. All courses in general or special methods should precede this period.

COURSES OFFERED IN SPECIAL FIELDS

ENGLISH			MATHEMATICS		
59	Literary Forms and Composition	2	161	Business and Social Mathematics	4
60	American Literature	4	162	Advanced Algebra and Solid Geometry	4
61	Methods of Teaching English in Junior High Schools	2	163	Methods	2
62	Foundations of Language	2	164	Trigonometry and Analytical Geometry	4
63	Short Story and Modern Drama	4	165	Mathematical Analysis	4
64	The English Novel	4	166	History of Mathematics	2
65	Modern Literature	4	167	Surveying	2
		22			22
HISTORY			SCIENCE		
110	Modern World History	4	168	Plant & Animal Forms	3
113	American History	4	156	Advanced Biology	2
115	Methods	2	170	General Science	3
116	Economic and Social History of United States		158	Chemistry	4
117	Civil Government	4	171	Paleontology	2
118	History of Massachusetts	4	172	General Entomology	2
		22	157	Physics	4
			173	Geology and Astronomy	2
					22
GEOGRAPHY					
119	Physiography and Climatology	4			
108	Methods				
121	Geography of S. America	4			
122	Geography of N. America	4			
123	Geography of Europe	4			
124	Geography of Asia	4			
		22			

ELEMENTARY FOUR YEAR CURRICULUM

COURSE NO. AND TITLE	SEMESTER HOURS			
	1st yr.	2nd yr.	3rd yr.	4th yr.
EDUCATION				
1 Introduction to Education and Obs.	3	—	—	—
2 General Educational Psychology	3	—	—	—
4 Technique of Teaching and Training School Participation	—	4	—	—
5 Educational Measurements	—	—	—	2
6 History and Principles of Ed.	—	—	—	2
8 Practice Teaching	—	—	12	—
9 Social Ethics	0	—	—	—
10 Professional Ethics	—	—	—	1
ELECTIVES — (SEE PAGE 25)	—	—	—	8
ENGLISH				
50 Oral Composition	2	—	—	—
51 Written Composition	2	—	—	—
52 Penmanship	½	1	—	—
53 English Literature 1	—	3	—	—
55 Reading in Elementary Grades	—	3	—	—
56 Children's Literature	—	3	—	—
57 Language and Spelling in Elementary Grade	—	2	—	—
58 Creative Writing	—	—	—	3
59 Library	1	—	—	—
60 American Literature	—	—	3	—
66 Modern Drama	—	—	—	3
SOCIAL SCIENCE				
100 History of Civilization	3	—	—	—
101 Citizenship Problems	2	—	—	—
102 Human Geography	3	—	—	—
103 Economic Geography	—	—	3	—
104 Sociology	—	—	3	—
105 Economics	—	—	—	3
106 Regional Geography (E)	—	2	—	—
107 Regional Geography (W)	—	2	—	—
108 Methods of Teaching Geography	—	1	—	—
109 American History	—	3	—	—
110 Recent World History	—	—	—	2
111 Current Social Problems	—	—	—	2
SCIENCE AND MATHEMATICS				
150 Biology	3	—	—	—
151 Mathematics	3	—	—	—
152 Physical Science	—	2	—	—
153 Prof. Elementary Science	—	2	—	—
154 Arithmetic-Primary Grades	—	3	—	—
155 Arithmetic-Elementary Grades	—	—	2	—
156 Advanced Biology	—	—	2	—
ARTS				
200 Introduction to Art 1	1½	—	—	—
201 Introduction to Art 2	—	1½	—	—
202 Graphic Representation	1½	—	—	—
203 Elementary Arts	—	—	1½	—
204 Art Adaptation	—	—	1½	—
205 Art Appreciation	—	—	—	2
206 History of Art	—	—	—	2
207 Chorus Music	1	—	—	—
208 Music-Elem. Theory	1½	—	—	—
209 Teaching Music in Elem. Schools	—	1½	—	—
210 Survey of Music	—	—	—	2
PHYSICAL EDUCATION				
250 Physical Education 1	2	—	—	—
251 Physical Education 2	—	2	—	—
252 Physical Education 3	—	—	1	—
253 Physical Education 4	—	—	—	2
254 Hygiene	1	—	—	—
255 Methods of Teaching Physical Education	—	—	1	—
Totals	34	36	30	34
Total Four Years 134 Sem. Hrs.				

ELEMENTARY FOUR YEAR COURSE

This course is designed for students who wish to teach in grades one to six. The curriculum is the same for the first year of the Elementary and the Junior High School courses. The choice of either course is made at the close of the first year. Students are helped in making this choice by actual contact with classroom work in several grades in the training school. Faculty advisors assist the freshmen in determining whether they are fitted for work with the younger or older children.

An increasing number of school systems are adopting the single salary schedule which provides the same salary to teachers of equal preparation regardless of the grade in which they teach. Under this equitable plan, teachers in primary grades and intermediate grades will receive the same salary as teachers in Junior High School if they have had equal professional training.

During the past several years there has been an increasing demand for young men who have specialized in teaching in the upper grades of the elementary schools. Elementary School Principals are glad to have one or two men in their buildings who, in addition to teaching, can direct physical education programs for young boys. This elementary school teaching experience is valuable preparation for positions as elementary school principals. The specialized training in this field is valuable for men who elect the work in the elementary course.

PRACTICAL ARTS COURSE

I AIMS OF THE FOUR-YEAR CURRICULUM

- A. The primary aim of this department is to prepare men to teach general and unit shop work in junior and senior high school and in the general vocational schools.
- B. The secondary aims of this course are to train selected groups of students:
 - 1. To teach related studies in junior and senior high schools and in general vocational schools.
 - 2. To teach shop work in special classes.
 - 3. To teach combinations of two or more of the above types of work.

II PRINCIPLES UNDERLYING THE SHOP COURSES

- A. Units of learning are acquired primarily by the production of articles which meet individual and social needs. Such articles must be well constructed and pleasing in appearance. Articles are produced with speed and accuracy up to a degree consistent with desirable educational attainments. The articles are produced in so far as is possible and desirable by employing trade-like principles.

III THE AIMS OF SHOP WORK IN THE FRESHMAN YEAR

Eight different courses in shop work are required of each student in his freshman year for the following reasons:

- (1) To guide in the selection of later courses in this department, which are elective.

- (2) To acquaint students with the activities in the field.
- (3) To serve as prerequisites to courses given in the years following the Freshman Year.

PRACTICAL ARTS CURRICULUM

COURSE NO. AND TITLE	SEMESTER HOURS			
	1st yr.	2nd yr.	3rd yr.	4th yr.
SHOP COURSES (SEE FOLLOWING PAGE)	16	16	8	8
EDUCATION				
2 General Educational Psychology . . .	3	—	—	—
3 Psychology of Adolescence . . .	—	2	—	—
5 Educational Measurements . . .	—	—	—	2
6 History and Principles of Education . .	—	—	2	—
8 Practice Teaching	—	—	6	—
9 Social Ethics	0	—	—	—
10 Professional Ethics	—	—	—	1
11 Curriculum in Industrial Arts . . .	2	—	—	—
12 Organization of Industrial Arts . . .	—	2	—	—
13 Teaching of Industrial Arts . . .	—	2	—	—
14 The General Shop	—	—	2	—
15 Related Work	—	2	—	—
16 Guidance	—	—	—	2
17 Secondary Education	—	2	—	—
ELECTIVES — SEE PAGE 28	—	—	4	6
ENGLISH				
50 Oral Composition	2	—	—	—
51 Written Composition	2	—	—	—
54 19th Century Literature	—	—	2	2
58 Advanced Composition	—	—	—	2
59 Library	1	—	—	—
60 American Literature	—	2	—	—
SOCIAL SCIENCE				
100 History of Civilization	—	—	—	2
101 Citizenship Problems	2	—	—	—
103 Economic Geography	—	—	3	—
104 Sociology	—	—	3	—
105 Economics	—	—	3	—
112 Industrial History	—	—	—	2
SCIENCE AND MATHEMATICS				
151 Mathematics 1	3	—	—	—
151 Mathematics 2	—	2	—	—
152 Physical Science	—	2	—	—
158 Physics	—	—	3	—
159 Chemistry	—	—	—	3
PHYSICAL EDUCATION				
250 Physical Education 1	2	—	—	—
251 Physical Education 2	—	2	—	—
254 Hygiene	1	—	—	—
Totals	34	34	36	30
Four Years — 134 Sem Hrs.				

SUMMER SESSION — 6 SEM. HRS. — SEE DESCRIPTION PAGE 34

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SHOP COURSES

- (1) The following courses that are starred must be completed by every student during his Freshman year.
- (2) At the end of the Freshman year students are allowed to elect one or more fields of shop work from the following courses that are not starred.

Descriptions of the subject matter in each of these courses are to be found on pages 34 to 40 (inclusive).

355 Summer Term in Voc. Edu.	363 Cabinet II
* 360 General Woodwork I	364 Cabinet III
* 361 General Woodwork II	365 Cabinet IV
362 Cabinet I	366 Carpentry I

367	Patternmaking I	386	Printing VII
368	Woodworking Administration	387	Cooperative Printing
* 370	General Metal I	* 390	Household Mechanics I
371	Machine Shop I	391	Household Mechanics II
372	Machine Shop II	392	Composite Shop
373	Machine Shop III	* 400	Finishing I
374	Sheet Metal I	401	Finishing II
375	Sheet Metal II	402	Finishing III
376	Bench Metal I	* 410	General Drawing I
377	Bench Metal II	411	General Drawing II
378	Art Metal I	412	Architectural Drawing I
* 379	Electricity I	413	Architectural Drawing II
* 380	Printing I	414	Architectural Drawing III
381	Printing II	415	Machine Drawing I
382	Printing III	416	Machine Drawing II
383	Printing IV	417	General Drawing III
384	Printing V	418	Sketching I
385	Printing VI		

ONE YEAR COURSE FOR COLLEGE GRADUATES

The Fitchburg Teachers College offers to College graduates a one year course for which the degree of Bachelor of Science in Education is granted. The first semester is spent in study at the college

Subjects	Periods	Sem. Hrs.
4 Technique of Teaching and Training		
School Participation	90	4
12 Practical Arts Education	36	2
6 History and Principles of Education	36	2
16 Vocational Guidance	36	2
7 Junior High School Organization	36	2
19 Psychology of Education	36	2
Special Field Subject		
English, History, Geography,		
Mathematics, or Science	72	4
		18

The second half year is spent in teaching in nearby towns and cities in Junior High Schools or in High Schools. The students report to the College for the following courses:

Subjects	Periods	Sem. Hrs.
18 Philosophy of Education	36	2
5 Tests and Measurements	18	1
Training Conference	18	C
Teaching Practice		12
		15

COURSES

EDUCATION

Education 1 Introduction to Education and Observation

This course is designed to introduce the entering students to the field of education. The purposes of education, the development of schools at the different levels and their administration, the child to be taught, the learning process, teaching procedures, and the equipment and qualifications of teachers, are the major topics considered. Students become familiar with the actual running of schools by visits to the training schools. At the end of this course, students have a background for making their choice of the elementary or junior high course.

Mr. Carpenter 3 Sem. Hrs.

Education 2 Educational Psychology 1

An introduction to the literature of this field as found in current professional periodicals and textbooks. Emphasis is placed upon the results of scientific research and experimentation. A limited number of laboratory experiments in learning are given.

Dr. Percival 3 Sem. Hrs.

Education 3 Psychology of Adolescence

This course considers the problems of achieving the status of an adequate adult. The physical, intellectual, emotional, economic and social aspects of maturity are analyzed and illustrated by case studies. The outline of Dr. Leta S. Hollingworth is followed in this course.

Dr. Percival 2 Sem. Hrs.

Education 4 Technique of Teaching and Training School Participation

Coming the semester before the training period, this course prepares the student to organize and manage a classroom. It covers the fundamental types of learning and teaching. Preparation for teaching lessons and units are stressed. The student spends three periods in class work and two periods in participating in the training school room in which practice teaching is to be done.

Mr. Carpenter 4 Sem. Hrs.

Education 5 Educational Measurements

A study of the new-type tests recently developed in the schools. The course includes the elements of statistics, including correlation. Emphasis is placed upon the limitations in the interpretation of test scores by valid statistical procedure. The viewpoint of Dr. T. L. Kelley is followed in this course.

Dr. Percival 2 Sem. Hrs.

Education 6 History and Principles of Education

An outline of the historical development of the general theory of education. Attention is given to the adaptation of the aims of education to the state of society in the significant eras of world history. Careful study is made of the beginning of common school education in the seventeenth and eighteenth century. The course aims to help the student to understand the fundamental principles of education that differentiate the American public schools from other systems.

Dr. Herlihy. 2 Sem. Hrs.

Education 7 Junior High School Organization

Aims to familiarize student with current practices and aims in junior high school organization. Considers such topics as: the development of the junior high school movement; characteristics and aims; the

program of studies; departmentalization and promotions; the home room; guidance; the social organization.

Miss Bradt 2 Sem. Hrs.

Education 8 Practice Teaching

Eighteen weeks are spent in teaching in the training school.

12 Sem. Hrs.

Education 9 Social Ethics

Given first semester, freshman year. Aims to facilitate adjustment and strengthen personal equipment. Deals with problems of student conduct and the development of personality.

Women Students Miss Bradt
Men Students Dr. Herlihy

Education 10 Professional Ethics

The purpose of this course is to help students to appreciate the significance of ethical conduct as individuals and members of the teaching profession.

Dr. Herlihy 1 Sem. Hr.

Miss Bradt 1 Sem. Hr.

Education II The Curriculum in Industrial Arts (Required)

This course presents the present day aims and values of industrial arts on the elementary, junior and senior high school levels. A study is made of those industrial sources from which acceptable subjects are selected for the making of a curriculum. These subjects are analyzed for the learning units which are suitable for courses of study on the different grade levels.

Mr. Anthony 2 Sem. Hrs.

Education 12 Organization of Industrial Arts (Required)

This continues the formulating of courses of study. Studies are made of the selecting of projects, the prevailing types of shops, the management of shop activities, the evaluating of the pupils' work, the keeping and using of their records of progress.

Mr. Anthony 2 Sem. Hrs.

Education 13 Teaching of Industrial Arts (Required)

This course is devoted to the required qualifications of the teacher, his personality, professional attitude, and his mastery of the methods of teaching. Subject matter is analyzed into those manual and mental elements on which lessons are based. The requirements of each part of the lesson plan are carefully studied. Lesson plans are prepared, critically considered, and put into practice.

Mr. Anthony 2 Sem. Hrs.

Education 14 The General Shop (Required)

Consideration is given to the historic periods leading to the modern industrial arts movement and the contributions which each period has made to the development of the general shop. Studies that apply particularly to this type of shop include: the consideration of its advantages and disadvantages, the planning of the shop, the planning and conducting of the sessions, the needs and uses of instructional aids, and the training of the staff of pupil assistants.

Mr. Anthony 2 Sem. Hrs.

Education 15 Related Work

This course includes the general mechanics of selection and organization of subjects essential to shop activities. The following points will be discussed: (1) Analyzing each operation step for its Related Work; (2) Appraising these topics in order to include them in the program for instruction; (3) Organizing the selected topics for presentation. Discussions, assignments, and reports.

Mr. Weston 2 Sem. Hrs.

Education 17 Secondary Education

This course is offered in the practical arts course to acquaint men in that department with the whole field of secondary education. The aims, organization, curriculum, extra-curricular activities, and the equipment of the secondary school teacher are topics considered.

Mr. Carpenter 2 Sem. Hrs.

Education 18 Philosophy of Education

The purpose of this course is to help students in developing a working philosophy of education based on the recognition of outstanding sociological principles. The content of the course centers on the evaluation of social values which are basal in the modern concept of education in a changing world.

Dr. Herlihy 2 Sem. Hrs.

Education 19 Psychology of Education for College Graduate Group

This is a survey of the field of educational psychology, followed by a more detailed study of selected topics.

Dr. Percival 2. Sem. Hrs.

ELECTIVES

Junior and Senior students are offered a wide choice of elective courses based on the following:—

1. A student may enroll in any course on the program with the approval of the instructor.
2. If a sufficient number of students petition for a course not listed on the program, this work shall be offered if a member of the faculty is available. Such courses as the following were offered in the second semester of the current year:

Surveying
Aesthetics
Paleontology
Entomology
Shop work for Women
Present Trends in Modern Education

ENGLISH

English 50 Oral Composition

This course includes a study of the fundamentals of speech and emphasizes the situations in which these principles are applied, with tests to measure standards of achievement.

Miss McCarty 2 Sem Hrs.

English 51 Written Composition I

The course aims to review and establish standards of clear, correct, and sincere written expression. It includes the study of good sentence construction, accurate use of words, paragraph development, written exercises, themes including letter writing and book reports, reports by individual students, and individual conferences as needed.

Miss McConnell 2 Sem. Hrs.

English 53 English Literature

This course is designed to provide a general survey of the representative classical literature which has influenced the English writers and works, and also of English Literature from Chaucer to modern day writers. Extensive reading from the works of the chief Greek, Roman and English authors is done as well as a study made of the national life which the literature interprets.

Miss Nixon 6 Sem. Hrs.

English 54 Nineteenth-Century Literature

This course includes extensive reading and discussion of the nineteenth-century representative authors. Attention is given to the relation of the literature of the period to the social, political, and economic movements.

Miss McConnell 4 Sem. Hrs.

English 55 Elementary Reading

This course prepares the students to teach reading effectively in the elementary grades. It includes a study of the correct attitudes, habits and skills to be developed in silent and oral reading, the methods and materials to be used in each of the grades, grade placement of reading problems, and remedial work.

Miss McCarty 2 Sem. Hrs.

English 56 Children's Literature

This course includes a study of the background and present state of children's literature, its spiritual and practical values, the literary material and elements of children's books, specific books for different interests and periods in children's mental development, books for content fields, poetry, picture books, and children's magazines.

Miss McCarty 3 Sem. Hrs.

English 57 Language and Spelling for Elementary Grades

This course includes a study of class room problems involved in the teaching of oral and written language and spelling, the selection of items to be taught, grade placement of problems, the methods and materials to be used, and scientific measurement of pupil accomplishment.

Miss McCarty 2 Sem. Hrs.

English 58 Advanced Composition and Literary Forms

The course aims to give the student increased ability in expressing his ideas with correctness, force, and as much originality as possible on topics that interest him. It includes the analysis of literary selections, chiefly essays, as sources of ideas, as standards for students in judging their own work; a brief study of literary forms; theme and precis writing; individual conferences as needed. Expository writing is emphasized.

Miss McConnell 2 Sem. Hrs.

English 59 Library Instruction

The aim of this course is to give an understanding of library tools needed in study, as the card catalog, Reader's Guide, classification, cataloging. Basic reference books, Department of Education bulletins, special bibliographies used in selecting material for classes are included, and school library problems met by the teacher are considered, as the organization and administration to meet needs of study groups.

Miss Hassell 1 Sem. Hr.

English 60 American Literature

The historical movements in American literature are traced through selected writings of representative authors from the following periods: Colonial, Revolutionary, Young Republic, America Grows up, America Comes of Age, America of Today. Attention is given to the relation of social, political, and economic changes to the literature of the period.

Miss Nixon 2, 3, or 4 Sem. Hrs.

Miss McCarty (or)

Miss McConnell

English 64 Methods of Teaching English in the Junior High School

The aim is to acquaint the students with the modern methods of teaching English in its various phases. Some of the topics included are the values of grammar and methods of teaching it; planning drill material; vitalizing oral and written composition; ways of developing appreciation of literature and of improving reading skills; lesson plans.

Miss McConnell 2 Sem. Hrs.

English 65 Foundations of Language

An illuminating sketch of our language is presented in this course, in addition to a description of the first shape, the foreign influence to which it has been subjected, and its own inner growth.

Miss Nixon 2 Sem. Hrs.

English 66 Drama and Short Story

In this course, dramas and short stories are read and studied with emphasis on the historical development of each form of literature. Special attention is devoted to the nineteenth century drama and story and their contribution to literature. Approximately one hundred stories and forty dramas are read.

Miss Nixon 4 Sem. Hrs.

English 67 The Novel

A study is made of the origin and development of the English novel. The reading and discussing of thirty of the outstanding novels of the eighteenth and nineteenth centuries make this course valuable from the point of view of appreciating good fiction.

Miss Nixon 4 Sem. Hrs.

English 68 Contemporary Literature

This course involves the reading and a critical analysis of representative contemporary types of modern day literature. Because biography and fiction interpret the spirit of the age in which they are written, emphasis is centered on these two types. The Saturday Review of Literature, the book section of the New York Times and that of the New York Herald Tribune are used as a basis for criticisms.

Miss Nixon 4 Sem. Hrs.

SOCIAL SCIENCE**Social Science 100 History of Civilization**

The story of the development of our common civilization, with emphasis on the special characteristics and contributions of different historic periods and peoples.

Mr. Harrington 3 Sem. Hrs.

Social Science 101 Citizenship

How we may more effectively, through school subjects and activities, develop in each child the qualities of mind and heart necessary for effective participation in all kinds of group life.

Mr. Harrington 2 Sem. Hrs.

Social Science 102 Human Geography

A study of the way man is influenced by his geographic environment and of the ways in which he has modified geographic conditions. The course includes a study of the geographic principles governing man's habits.

Miss Webster 3 Sem. Hrs.

Social Science 103 Economic Geography

A study of the economic interdependence of the peoples of the world. Sources of raw materials, areas of production for both raw and manufactured products, means of transportation and communication and trade, and trade routes are considered.

Miss Webster 3 Sem. Hrs.

Social Science 104 Sociology

A study of the makeup of human society, of the forces and principles involved in social activities; the evolution and nature of social institutions; selected social problems.

Mr. Harrington 3 Sem. Hrs.

Social Science 105 Economics

This course will cover some of the underlying principles of the science of economics. Such topics as production, consumption, exchange, credit, and investment will be treated both as to their theoretical aspects and their practical applications in everyday life.

Mr. Weston 3 Sem. Hrs.

Social Science 106 Regional Geography East

This course gives a survey of the major geographic regions of the Old World and stresses their influence in the important countries of the Eastern Hemisphere.

Miss Webster 2 Sem. Hrs.

Social Science 107 Regional Geography West

This course gives a survey of the major geographic regions of the New World and stresses their influence in the countries of the Western Hemisphere.

Miss Webster 2 Sem. Hrs.

Social Science 108 Methods of Teaching Geography

This study includes methods of teaching geography to Elementary or to Junior High pupils and the types of geographic materials used.

Miss Webster 1 or 2 Sem. Hrs.

Social Science 109 American History

An interpretation of American history and the great forces both natural and social which have shaped its course.

Mr. Harrington 3 Sem. Hrs.

or Miss Bradt

Social Science 110 Modern World History

The World War, its background, course and effects; the history of the principal nations, and of international relations, since its close; analysis of forces at work, and of some of the chief problems. Much special investigation and report.

Mr. Harrington 2 or 4 Sem. Hrs.

Social Science 111 Current Social Problems

Economics and Sociology applied to the social and political problems of today.

Mr. Harrington 2 Sem. Hrs.

Social Science 112 Industrial History

The stages of industrial evolution, illustrated in various historic periods; followed by a survey of American industrial development.

Mr. Harrington 2 Sem. Hrs.

Social Science 113 American History

New World discovery and colonization; the growth of the English colonies, the struggle for domination between European peoples; the development of the American nation from the beginning of the Revolutionary movement until today.

Mr. Harrington 4 Sem. Hrs.
or Miss Bradt

Social Science 115 Methods of Teaching History

A study of teaching methods particularly useful in history in the grades below the high school, with attention to curricula and materials.

Mr. Harrington 2 Sem. Hrs.

Social Science 116 Economics and Social History of U. S.

An attempt to reconstruct the manner of living in each of the most representative and significant epochs of history; followed by an introductory survey of man's economic evolution.

Mr. Harrington 4 Sem. Hrs.

Social Science 117 Civic Government

American government in nation, state, and community; comparison with other types of government, real and ideal; thorough analysis of the constitution; the practice of citizenship, rights, duties, and problems.

Mr. Harrington 4 Sem. Hrs.

Social Science 118 History of Massachusetts

An intensive study of the founding and founders of Massachusetts and of her colonial evolution; her participation in and contribution to our national life; both for understanding of our local institutions, and as a type study in American History.

Mr. Harrington 4 Sem. Hrs.

Social Science 119 Physiography and Climatology

This is a study of the dynamic forces affecting the surface of the earth and the specific ways in which man is influenced by them. It also includes the study of the typical climates of the world and the climatic factors involved.

Miss Webster 4 Sem. Hrs.

Social Science 121 Geography of South America

This regional study of South America stresses the more important countries of that continent.

Miss Webster 4 Sem. Hrs.

Social Science 122 Geography of North America

In this regional study of the continent especial emphasis is placed upon the regions of the United States.

Miss Webster 4 Sem. Hrs.

Social Science 123 Geography of Europe

In this regional study of Europe the effects of different regions upon the development and progress of the more important countries are emphasized.

Miss Webster 4 Sem. Hrs.

Social Science 124 Geography of Asia

This regional study of Asia emphasizes particularly the geographic factors of Japan, China, Russia, and India.

Miss Webster 4 Sem. Hrs.

SCIENCE AND MATHEMATICS

Science 150 Biology I

A study of the general principles of life. Through comparison of the anatomy, physiology, embryology and ecology of living forms, the general principles of heredity, variation, selection, etc. are evolved. The course lays the foundation for the understanding of the theory of evolution. It is designed to meet the needs of students for a broad cultural view of the biological sciences.

Mr. Randall 3 Sem. Hrs.

Mathematics 151 General Mathematics I and II

This course in general mathematics deals with the subject as a unit rather than as a collection of different subjects. The work covers the fields of algebra, trigonometry, analytics, and the introduction to calculus.

Mr. Weston 3 — 5 Sem. Hrs.

Science 152 Physical Science

This course covers the elementary fundamental principles of the subject. The work is developed from a general educational standpoint and is professionalized by including in it that subject matter which has an important bearing in the other courses—as geography, home economics, civics and hygiene.

Mr. Smith 2 Sem. Hrs.

Science 153 Professional Elementary Science (Nature Study)

This course is based on the new course in science for the Elementary schools of the Commonwealth. Students will be required not only to know the scientific principles underlying each unit of the course, but also to present the material in a form adapted to the grade age of children.

Mr. Randall 2 Sem. Hrs.

Mathematics 154 The Teaching of Arithmetic in the Primary Grades

This course covers the history and psychological basis of number concepts; the social and economic justification for teaching arithmetic; the problems and sequence of teaching arithmetic in the primary grades, the diagnosis of children's difficulties and study of remedial work; the examination of standard tests and of children's texts.

Miss McConnell 3 Sem. Hrs.

Mathematics 155 The Teaching of Arithmetic in the Intermediate Grades

Part I. Problems and sequence of teaching arithmetic in the intermediate grades including observation lessons and lesson plans; diagnostic and remedial work; the organization of effective drill material; and effective methods in problem solving, including common fractions, decimal fractions, percentage and its application.

Part II. Includes the economic arithmetic (banking and investments) for personal needs; the examination of standard tests; the evaluating of texts.

Miss McConnell 2 Sem. Hrs.

Science 156 Advanced Biology

Advanced biology including reviews, standard tests, general checkups, and laboratory work.

Mr. Randall 2 Sem. Hrs.

Science 157 Physics

This work includes a study of matter and physical phenomena; the fundamental laws and theories of the subject and the common applications in everyday life and in the industries. This course includes considerable experimental work in the laboratory.

Mr. Smith 3 or 4 Sem. Hrs.

Science 158 Chemistry

This course aims to give a broad survey of chemical phenomena and chemical substances; to develop the fundamental laws and theories of chemistry and to describe the more important applications in everyday life and in the industries. One half of the time is devoted to laboratory work.

Mr. Smith 3 or 4 Sem. Hrs.

Mathematics 161 Business and Social Mathematics

The course begins with a very brief review of the application of percentage. Mercantile discounts, problems of buying and selling, interest, bank discount, compound interest, periodic or installment payments, insurance, commission, taxes and problems of trading concerns are treated.

Mr. Weston 4 Sem. Hrs.

Mathematics 162 Advanced Algebra and Solid Geometry

An advanced course in College Algebra, which building on a rapid review of elementary concepts, will include such topics as: mathematical induction; the binomial theorem, progressions; logarithms, variations; permutation and combination; probability; and higher equations. Solid Geometry includes the usual propositions and original exercises found in any standard textbook.

Mr. Weston 4 Sem. Hrs.

Mathematics 163 Methods

This course deals especially with the special problems in the teaching of arithmetic, intuitive geometry, algebra, and numerical trigonometry of the junior high school course in mathematics

Mr. Weston 2 Sem. Hrs.

Mathematics 164 Trigonometry and Analytical Geometry

Trigonometry (2 Sem. Hrs.) This course includes the derivation and use of formulas, solution of right and oblique triangles in plane and spherical Trigonometry.

Analytic Geometry (2 Sem. Hrs.) This course is designed to give the student a broader and more thorough knowledge of the analytical method as applied to geometrical problems. It deals with equations and their graphs, the straight line, the circle, the parabola, the ellipse and the hyperbola.

Mr. Weston 4 Sem. Hrs.

Mathematics 165 Mathematical Analysis

Mathematical Analysis makes a systematic study of different forms of variation, discovers the exact relations between the varying quantities, and devises easy methods of making whatever calculations are necessary. There will be many practical problems in differentiation and integration, including distance, speed acceleration, area, volume, work, falling bodies, etc.

Mr. Weston 4 Sem. Hrs.

Mathematics 166 History of Mathematics

The major units of work will be: origin and evolution of arithmetic symbols and concepts; theories and principles of space relationships; modern inventions and processes for mathematic investigation; the individual contributions of the world's great mathematical scientists.

Mr. Weston 2 Sem. Hrs.

Mathematics 167 Surveying

A practical course in the use of surveyor's instruments and the solution of problems obtained from measurements made in field work.

Mr. Weston 2 Sem. Hrs.

Science 168 Plant and Animal Forms and Methods

A course dealing with the study of plant and animal life as applied to the needs of children of junior high school age. Methods such as projects, field excursions, nature trails, scout achievements, etc., will form the basis of the course. Students are expected to prepare lesson plans adapted to teaching in the upper grades and junior high school.

Mr. Randall 3 Sem. Hrs.

Science 170 General Science

This course is based on the course of Science for the Elementary Schools of the Commonwealth. It includes a study of natural phenomena, minerals and rocks and the principles and laws of the natural sciences. Special attention is given to the study of methods used in teaching the subject in the grades including laboratory work and demonstrations.

Mr. Smith 3 Sem. Hrs.

Science 171 Paleontology

The study of life forms that existed during geological ages with a consideration of their relation to present day species. The rise of continents and land bridges in relation to extermination and migration is considered.

Mr. Randall 2 Sem. Hrs.

Science 172 General Entomology

This course deals with the collection, classification, metamorphosis, economic importance, and methods of control of the more important insects.

Mr. Randall 2 Sem. Hrs.

Science 173 Geology or Astronomy

Geology. A study of the earth, its external and internal structure; the minerals and rocks of which it is composed; the origin and geologic history of the earth; the animal and plant types evolved, with emphasis on the geological formations.

Astronomy. This course leads to an understanding of our knowledge concerning the structure and movements of the solar system and the sidereal universe. The method used is descriptive rather than mathematical.

Mr. Smith 2 Sem.. Hrs.

THE ARTS

Arts 200 Introduction to Art 1

The introduction to art aims to arouse interest in the need of art expression as a preparation for teaching. Through the use of line, form, color and pattern, gradually establish confidence in expressing ideas with materials and in representing familiar forms which the circumstances of teaching may require.

Miss Lamprey 1½ Sem. Hrs.

Arts 201 Introduction to Art 2

Principles and techniques should be taught while developing the habit of thoughtful observation, a working knowledge of color, elementary design, handwork, and the recognition of beauty.

Miss Conlon 1½ Sem. Hrs.

Art 202 Graphic Representation

The development of student ability in the use of the blackboard as a teaching aid: lettering and its place in blackboard drawing; graphs, their development and use; solids and surfaces; illustrative material especially for the Social Sciences.

Mr. MacLean 1½ Sem. Hrs.

Art 203 Art 2 Elementary Art

The study of elementary art aims to emphasize progress based upon the foundation established in Art 1. Confidence and initiative in the use of art principles and skills should be stressed.

Miss Lamprey 1½ Sem. Hrs.

Art 204 Art 3 Art Adaptation

The adaptation and application of art should acquaint the student with the aims and purposes of art courses as pursued in elementary and junior high schools, the results hoped for, and the standards by which these are to be judged. Demonstrates that the same approaches used in teaching other subjects can be employed in teaching art. Gives student as much experience as possible in utilizing all subjects and activities of the school to motivate the art lesson.

Color, Design, Lettering, Representation, Handwork, and Appreciation of Art. Further study and understanding of these subjects based on the work of Art 1 and Art 2. Consideration of proper balance and emphasis on art interests for each grade and relation to units of work.

Miss Conlon 1½ Sem. Hrs.

Art 205 Art 4 Art Appreciation

Appreciation of art aims to advance the study of line, form, design, color and construction through art experiences related to personal, classroom, home and civic needs. Emphasizes the recognition of beauty and some understanding of many phases of art with skillful interpretation for purposes of teaching.

Miss Conlon 2 Sem. Hrs.

Art 206 Art 5 History of Art

A study of the history of art aims to acquaint students with the most significant development of architecture, sculpture, painting and the allied arts through the ages, with references to parallel historical activities. Together with this appreciative understanding, develops some ability in interpreting art history for children.

Miss Lamprey 2 Sem. Hrs.

Music 207 Chorus Music

Development of good chorus singing and appreciation of community music, folks songs and standard choruses. Practice in sight reading in two and three part singing.

Miss Perry 1 Sem. Hr.
or Mr. Wood

Music 208 Music — Elementary Theory

Voice training, ear training, sight training, elementary conducting, theory and song interpretation.

Miss Perry 1½ Sem. Hrs.

Music 209 Teaching Music in Elementary Schools

Using 208 as background, this course gives students methods of teaching music in grades one to six.

Miss Perry 1½ Sem. Hrs.

Music 210 Survey of Music

Appreciation of music, both vocal and instrumental, leading from folk dances to sonatas and symphonic forms. General survey of world's best music.

Miss Perry 2 Sem. Hrs.

PHYSICAL EDUCATION**Physical Education 250 — 251 Physical Education for Men I and II**

The purpose of the department is twofold: (1) Personal — To help the students to develop (a) in general physical efficiency; (b) in the knowledge of a variety of wholesome physical activities; (c) in the

highest qualities of sportmanship and leadership; (d) in the best health attitudes and habits. (2) Professional— To help the student to develop power in the leadership of children in physical education activities. Practice in officiating and coaching.

Mr. Crosier 2 Sem. Hrs. per yr.

Physical Education 250 — 251 Physical Education for Women I and II

Practice in Folk Dancing, Gymnastics and Sports, each semester of Freshman and Sophomore years. Main stress is on developing the student's motor skills.

Miss Bolger 3 Sem. Hrs.

The work of the teacher in Health Education— (a) health programs and examinations (b) health knowledge, attitudes, and habits of children in Primary and Secondary Schools (c) Health Education materials and methods.

Miss Bolger 1 sem. Hr.

Physical Education 252 Physical Education III

Theory and practices in Sports, Tumbling, Apparatus, Tap Dancing, Individual Games. The carry over value of informal individual activities.

Miss Bolger 2 Sem. Hrs.

Physical Education 253 Physical Education IV A or B and C

(A) Rythm and Elementary Dance Forms (both semesters)

Practice and Analysis in rhythmic patterns and group formations.

(B) Principles of Coaching and Refereeing (first semester)

Field Hockey and Basketball.

(C) Organization of Play (second semester)

Organization and administration of play activities relating to playground and all social organization.

Miss Bolger 2 Sem. Hrs.

Physical Education 254 Hygiene (Men and Women)

Stress upon knowledge of scientific facts which underlie health.

Miss Bolger, Mr. Crosier 1 Sem. Hr.

Physical Education 255 Methods of Teaching Physical Education

A theory and practical teaching course in the methods of teaching the various types of rythms, games, folk dances and formal work used in the elementary school. Principles underlying body mechanics are given as a basis to the material used.

Miss Stafford 1 Sem. Hr.

SHOP AND OTHER PRACTICAL ARTS COURSES

P. A. 354 Practice (Required)

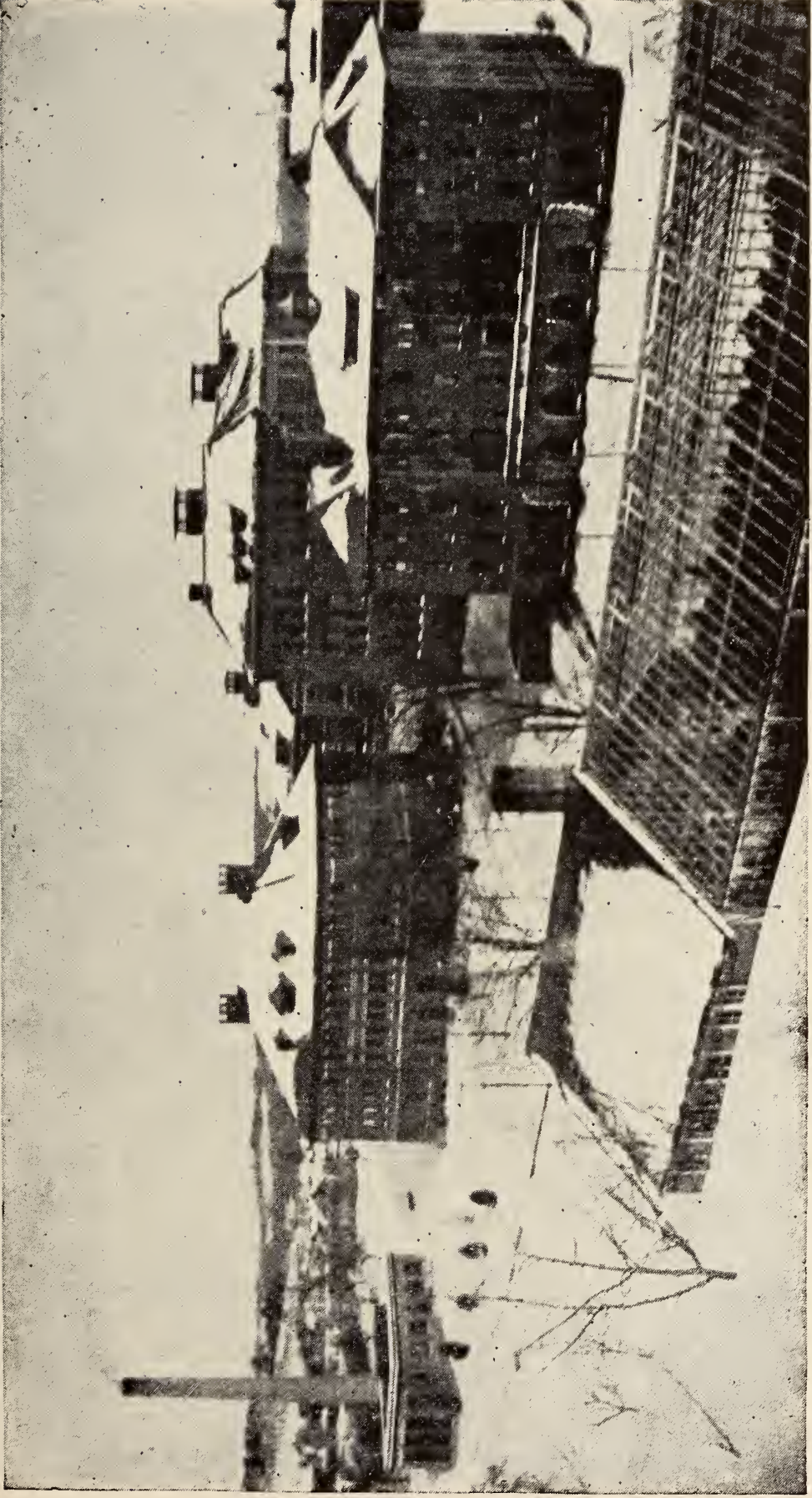
The principles of teaching industrial arts are applied to the teaching of pupils. Constructional and related types of work are taught under supervision. Such projects are planned and selected as will afford the pupils the learning experiences that are listed in the course of study. By having guided experiences, the students during their two periods of teaching practice acquire abilities in the organization and management of shop work and in the control of the classes. Plans for lessons and needed instructional aids are prepared, revised and used in the teaching of the pupils.

6 Sem. Hrs.

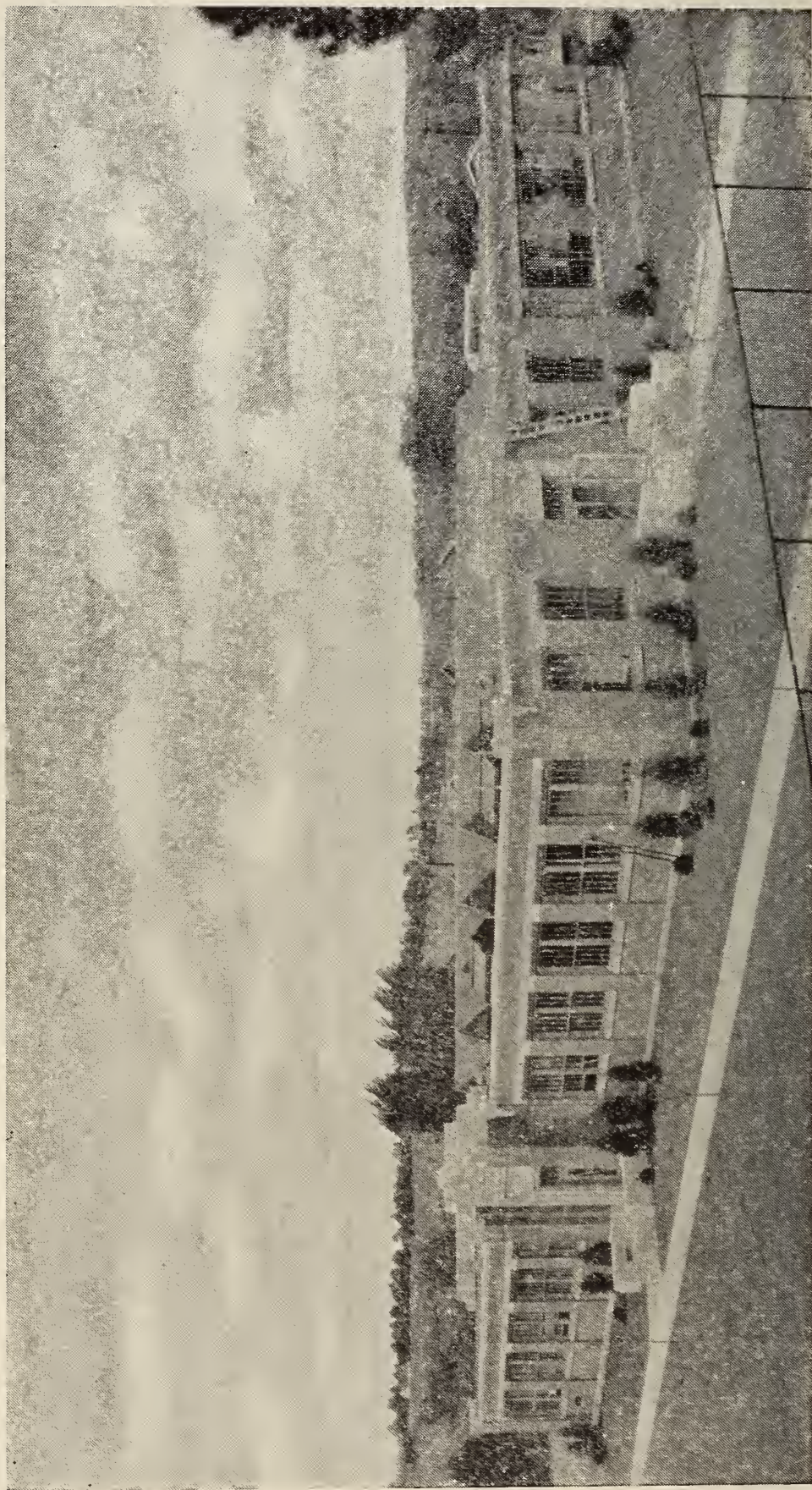
P. A. 355 Summer Term in Vocational Education (Required)

Between their sophomore and junior years students are required to take the four weeks course in July at the Teachers College in Fitchburg. This course is devoted to the work of the new general vocational schools. The work is conducted by the State Division of Vocational Education which grants to the students credits for completing the course.

6 Sem. Hrs.



BUILDINGS AND GROUNDS



NEW PRACTICAL ARTS BUILDING

P. A. 361 General Woodwork II (Required)

This course includes the fundamental processes of woodworking, carpentry and upholstery. Tools and their uses, trade principles, and suggestive projects. Related information including science, trade terms, technical mathematics, and occupational studies are emphasized. Instruction sheets are used.

Mr. Landall 2 Sem. Hrs.

P. A. 360 General Woodwork I (Required)

Prerequisite: General Woodwork I.

This course is a continuation of General Woodwork I. Emphasis is placed upon the design and construction of projects suitable for the junior high school. Introduction to woodturning, patternmaking and its application to foundry work. Use and care of woodworking machinery, safety devices and first aid treatment.

Mr. Landall 2 Sem. Hrs.

P. A. 362 Cabinet I (Elective)

Prerequisites: General Woodwork I, II

Principles of construction, hand-tools and machine processes. Studies in making layouts, stockcutting bills and instruction sheets. Assembling, joints, proper fastenings, and preparing for finish. Working properties and strength of common materials. Study of furniture woods. Importance of trade and opportunities of employment.

Mr. Landall 2 Sem. Hrs.

P. A. 363 Cabinet II (Elective)

Prerequisites: Gen. Wood. I, II. Cabinet I.

This course is based upon the factory plan of production work, involving routing procedures, working with rods, jigs, etc. Proper sequence of tools, and machine operations. Related information on materials, tools, and machinery. The analysis of projects and the development of instruction sheets.

Mr. Landall 2 Sem. Hrs.

P. A. 364 Cabinet III (Elective)

Prerequisites: Gen. Wood. I, II. Cabinet I, II.

A study of proportions, materials, styles and consumer values in connection with the construction of furniture by hand and machine methods. An application of inlay, molding, turning and carving as a means of enriching surfaces.

Mr. Landall 2 Sem. Hrs.

P. A. 365 Cabinet IV (Elective)

Prerequisites: Gen. Wood. I, II. Cabinet I. II. III.

A reproduction of colonial and modern types of furniture, including inlay, marquetry and veneer work. Grace of line, good proportions and substantial construction. Aims, ideals, customs and appreciation of American designers and cabinet makers. Responsibility and initiative placed upon students. Advanced problems to be selected by the student to meet instructor's standards.

Mr. Landall 2 Sem. Hrs.

P. A. 366 Carpentry I (Elective)

Prerequisites: Gen. Wood. I. II.

A study of house construction. A course covering tool operations, materials and joinery. The ability to judge essential features of construction and selection of building material in order to safeguard investment. Observation and inspection of buildings. The study of joints, wood, board measure, saw filing, and the application of hardware.

Mr. Landall 2 Sem. Hrs.

P. A. 367 Patternmaking I (Elective)

Prerequisites: Gen. Wood. I, II. Cabinet I.

A study of the principles of castings in lead, iron, brass and aluminum. Materials and the construction of patterns involving allowance for draft, shrinkage, finish, warp and shake. Typical examples of layout, core-box construction, horizontal and vertical coring, pattern turning and finishing. Field trips.

Mr. Landall 2 Sem. Hrs.

P. A. 368 Woodworking Administration (Elective)

Prerequisites General Woodwork II and III

A study of woodworking industry in relation to the schools. Detailed study of woodworking equipment and supplies from the viewpoint of selection, purchasing and cost. Considerations affecting the selection, arrangement and installation for given conditions. Specifications for purchasing and installation. Problems of upkeep and repair of equipment.

Mr. Landall 2 Sem. Hrs.

P. A. 370 General Metal I (Required of All Freshmen)

This is a general metal working course involving bench metal and sheet metal work. It includes a study of the materials, tools, and processes as applied to typical shop projects. Emphasis is placed upon the care of tools and equipment and safety precautions.

Mr. Purinton 2 Sem. Hrs.

P. A. 371 Machine Shop I (Elective)

Prerequisites: General Metal I.

A study of the construction and operation of the lathe, milling machine, and drill-press. Calculations are made to obtain correct speeds and feeds for various metals. Information is given on shapes, grinding and setting cutting tools. Selected projects with related technical information includes straight turning, taper turning, knurling, facing and thread cutting.

Mr. Purinton 2 Sem. Hrs.

P. A. 372 Machine Shop II (Elective)

Prerequisites: General Metal I. Machine Shop I.

A study is made of the instructional material, organization, shop layouts, and equipment for teaching machine shop practice. Related technical information is emphasized. Shop practice includes planning, milling, grinding, and advanced lathe work.

Mr. Purinton 2 Sem. Hrs.

P. A. 373 Machine Shop III (Elective)

Prerequisites: Machine Shop I, II.

This course is a continuation of Machine Shop II. The shop work includes problems in tool making and advanced machine work. The work is selected to meet the individual needs of the student.

Mr. Purinton 2 Sem. Hrs.

P. A. 374 Sheet Metal I (Elective)

Prerequisite: General Metal I.

Units of work are offered to emphasize the selection of suitable projects for the school shop. A study is made of machines, tools, materials and their uses, common seams, methods of forming and fastening sheet metal. Practice is given in laying out patterns, soldering, making lap, rivet lap, grooved, double, slip and box corner seams.

Mr. Purinton 2 Sem. Hrs.

P. A. 375 Sheet Metal II (Elective)

Prerequisites: General Metal I. Sheet Metal I.

This is a continuation of Sheet Metal I and includes the organization of materials and shop equipment for the teaching of sheet metal work. The

shop includes advanced problems in layout and the construction of irregular sheet metal fittings.

Mr. Purinton 2 Sem. Hrs.

P. A. 376 Bench Metal I (Elective)

Prerequisite: General Metal I.

This course includes a study of the properties, chemical makeup and suitability of various metals for constructional purposes. Shop practice is given in filing, drilling, reaming, riveting, cutting threads, tapping, forming, brazing, forging, tempering, and the application of suitable fastening devices.

Mr. Purinton 2 Sem. Hrs.

P. A. 378 Art Metal I (Elective)

Units of work are offered to emphasize the selection of suitable projects for school work, and include cutting, piercing, etching, raising, hard soldering, spinning, and coloring. Projects are constructed of copper, brass, aluminum, and nickel silver.

Mr. Purinton 2 Sem. Hrs.

P. A. 379 Electricity I (Required)

This course gives the essentials of electricity. The problems cover the fundamentals of two wire circuits, which are applied to signal wiring, elementary lighting circuits and repairs of electrical devices in the home.

Mr. Purinton 2 Sem. Hrs.

P. A. 380 Printing I General Exploratory (Required)

A study of fundamentals of printing for the purpose of acquainting beginners with the general nature of the work. The course is divided between shop practice and the supplementary related and occupational information. Shop work includes elements of composition, stonework, proof-reading, and platen presswork. Emphasis is placed upon educational and professional objectives.

Mr. Hague 2 Sem. Hrs.

P. A. 381 Printing II General Printing (Elective)

Prerequisites: Printing I.

Continuation of the work in Printing I. Problems in display composition, platen presswork and other operations which contribute to finished products in printing. Typical projects are used as an introduction to commercial jobs. A study of type faces, elements of design, trade practices and standards. Supplementary lectures and reference assignments.

Mr. Hague 2 Sem. Hrs.

P. A. 382 Printing III General Printing (Elective)

Prerequisites: Printing I, II.

Continuation of Printing I and II for purpose of developing craftsman skill and a broader knowledge of shop practices. Advanced problems in composition, stonework, and presswork, together with a study of materials and processes. The foremanship system is used. Supplementary lectures, reference assignments and visits to industrial plants.

Mr. Hague 2 Sem. Hrs.

P. A. 383 Printing IV Printing Design (Elective)

Prerequisites: Printing I, II, III.

This course offers further study in typographic design and its application to practical problems. Includes proportion, balance, harmony, grouping, color and ornamentation. Application in job layouts and type composition. Part of course is devoted to block carving, and printing. Time divided between lectures, laboratory, and shop practice.

Mr. Hague 2 Sem. Hrs.

P. A. 384 Printing V Machine Composition (Elective)

Prerequisites: Printing I, II, III.

This course is for those desiring a knowledge of operation and mechanics of the linotype machine. One hour daily is given to study of machine mechanism and care and one hour for operating practice. Study of mechanism is given in class formation, while operating is scheduled to meet individual programs.

Mr. Hague 2 Sem. Hrs.

P. A. 385 Printing VI School Publications (Elective)

Prerequisites: Printing I, II, III.

The purpose of this course is to equip teachers to supervise school periodicals. School newspapers, magazines, and annuals are studied from the viewpoint of organization and operation. Elements of journalism are studied and their application found in the publication of a college newspaper. The problems of the publication advisor are emphasized.

Mr. Hague 2 Sem. Hrs.

P. A. 386 Printing VII Printing Administration (Elective)

Prerequisites: Printing I, II, III.

This course includes an analysis of the printing industry and its relationship to instructional content for printing courses. A detailed study is made of equipment and supplies from viewpoint of selection, purchasing, and installing. Shop layouts are studied. Labor organizations, cost systems, and shop management are discussed. Lectures, assigned references and problems.

Mr. Hague 2 Sem. Hrs.

P. A. 387 Co-operative Printing (Elective)

Prerequisites: Printing I, II, III.

This course in cooperative printing is offered as a substitute for trade experience. Full time is devoted to practical production work in the shop and may include any type of work. A total of 15 hours per week are required but this time may follow an irregular program, as approved by the instructor.

Mr. Hague 2 Sem. Hrs.

P. A. 390 Household Mechanics (Required)

In this course are given the general alterations, replacements, and repairs that are commonly needed in schools and homes. Glazing, refinishing and the reconditioning of small pieces of domestic equipment are taught.

Mr. Akeley 2 Sem. Hrs.

P. A. 391 Household Mechanics (Elective)

This course continues the work of Household Mechanics I, offering a wider variety of repairs. Paper hanging and concrete work are taught in this course.

Mr. Akeley 2 Sem. Hrs.

P. A. 392 Composite Shop (Elective)

Opportunities are provided in this course for carrying on wood work, metal work, electrical work, and the household repair activities that are commonly conducted simultaneously in shops of this type.

Mr. Akeley 2 Sem. Hrs.

P. A. 400 Finishing I (Required)

This course includes the fundamental operations of woodfinishing involved in staining, filling, shellacking, varnishing, and rubbing. Beginnings are also made in mixing of colors and painting.

Mr. Akeley 2 Sem. Hrs.

P. A. 401 Finishing II (Elective)

This course, a continuation of Finishing I. gives advanced experiences in a wider range of finishing and painting. Mixing of colors, use of quick drying lacquers, spraying with gun and kalsomining will be taught in this course.

Mr. Akeley 2 Sem. Hrs.

P. A. 402 Finishing III (Elective)

Polychrome, tiffany, stenciling and the establishing of the routing order, laying gold leaf, mixing and spreading flat varnishes, extending the use of orange and white shellacs, the decorating of exteriors and interiors are all included in this course.

Mr. Akeley 2 Sem. Hrs.

P. A. 410 General Drawing I (Required)

An exploratory course for the study of fundamental principles involved in projection, auxiliaries, revolutions, sections and dimensions. Black-board drawing, by the student, as well as the use of the drawing board will be used to develop an understanding of the above principles. Lectures and demonstrations will supplement class work.

Mr. MacLean 2 Sem. Hrs.

P. A. 411 General Drawing II (Elective)

Prerequisites: General Drawing I.

This course is a continuation of General Drawing I placing emphasis on the development of skill and the application of drawing principles. The work will consist of advanced problems in developments covering intersections, penetrations, true lengths and triangulation. Lectures and class assignments will present the organization and practices as found in drafting rooms.

Mr. MacLean 2 Sem. Hrs.

P. A. 412 Architectural Drawing I (Elective)

Prerequisites: General Drawing I.

A study of the fundamental elements of construction emphasizing the following: footing, foundations, sill and cornice construction, windows, stairways, lettering and its application to architectural drawing. A simple problem will be used to apply the above elements. Class work supplemented by lectures and assignments covering related technical and occupational information.

Mr. MacLean 2 Sem. Hrs.

P. A. 413 Architectural Drawing II (Elective)

Prerequisites: General Drawing I, Architectural Drawing I.

A study of the modern home, the lot, the house and its location. This work will include the development of drawings and details of a modern house. The development of these drawings offers an opportunity to study the laws and ordinances governing building.

Mr. MacLean 2 Sem. Hrs.

P. A. 414 Architectural Drawing III (Elective)

Prerequisites: General Drawing I, Architectural Drawing I, II.

A continuation of Architectural Drawing II giving the advanced student an opportunity for further study in the field of Architecture. An advanced problem of original design will form a major part of the course. The development of New England domestic architecture will be studied as a part of the course.

Mr. MacLean 2 Sem. Hrs.

P. A. 415 Machine Drawing I (Elective)

Prerequisite: General Drawing I.

The course will confine itself to a study of standard conventions, screw threads, fits, finishes, the use of formula and tabular material, detail and assembly drawings. Regular class work will be supplemented by assignments, lectures, and visits making possible a study of technical and occupational data in the field of machine drawing.

Mr. MacLean 2 Sem. Hrs.

P. A. 416 Machine Drawing II (Elective)

Prerequisites: General Drawing I. Machine Drawing I.

A continuation of Machine Drawing I, including an individual problem required in detail and assembly. A study of the transmission of power through the use of cams and gears forms a part of the work.

The reproduction of drawings in blueprint, brown line and black and white.

(Alternate years)

Mr. MacLean 2 Sem. Hrs.

P. A. 417 General Drawing III Organization and Administration of Drawing (Elective)

Prerequisites: General Drawing I, Architectural I, Machine Drawing I.

A course designed for those majoring in General Drawing. The teaching of drawing based on the following headings: analysis of the field of drawing, objectives, general methods, recitations, examinations and quizzes, problems, grades and course, texts and teacher preparation.

Equipment, selective, buying and layout.

(Alternate years beginning fall 1935)

Mr. MacLean 2 Sem. Hrs.

P. A. 418 Sketching I (Elective)

A study of the principles of perspective and pictorial representation. The work will give the student an opportunity to develop an appreciation for and the ability to render his or her ideas in pencil, pen and ink, charcoal and wash.

Mr. MacLean 2 Sem. Hrs.

STUDENTS

SEPTEMBER, 1934 TO JUNE, 1935

Special Field indicated by E - English, G - Geography, H - History,
M - Mathematics, S - Science.

SENIOR CLASS

JUNIOR HIGH SCHOOL COURSE

(E H) Katherine M. Benson, Leominster	(E H) Margaret Slattery, Fitchburg
(S G) Ruth P. Billings, Leominster	(E M) Inez Stuart, Pepperell
(E H) Lois Chism, Longmeadow	(S H) Lilyan Trotsky, Webster
(E M) Anna Clark, Fitchburg	(E M) Thelma Wright, Townsend
(E H) Agnes T. Conlon, Clinton	(E H) Arthur P. Bixby, West Groton
(S G) Evelyn Davis, Fitchburg	(E G) Maurice Burns, Gardner
(M) Ruth A. Doane, Athol	(E M) Charles Corkum, Fitchburg
(S H) Elizabeth Ellis, Leominster	(S M) Thomas J. Carney, Fitchburg
(E H) Irene Fogarty, Fitchburg	(E G) Harold Cummings, Bolton
(S G) Barbara Gowell, Lunenburg	(S M) Donald Domina, Townsend
(E M) C. Madeleine Hughes, Fitchburg	(S M) Armas Fillback, Fitchburg
(H) Rita Kenny, Fall River	(E G) Leo Glennon, Worcester
(S G) Winifred Mackey, Leominster	(E M) Robert Hamilton, Quincy
(S M) Annie Makela, Fitchburg	(S H) Chester Howarth, Worcester
(S H) Kathryn Mannix, Chicopee Falls	(S G) Vernon Laverdure, Clinton
(E M) Ruth Michelman, Springfield	(S M) Robert E. Lee, Worcester
(H) Helen O'Connor, Springfield	(S M) Carl Ludwig, Fitchburg
(E H) Rita O'Malley, Clinton	(E H) Edward G. Lynch, Fitchburg
(E H) Bernice O'Neill, Fitchburg	(S H) David O'Brien, Fitchburg
(S H) Frances O'Neill, Fitchburg	(E H) Paul O'Connor, Fitchburg
(E G) Natalie Pollard, Attleboro	(E H) A. Fay Smith, East Northfield
(S H) Rose Reagan, Fall River	(E M) Clifton Southworth, New Bedford
(S M) Virginia Robbins, Ashby	(E M) George V. Spires, Fitchburg
(E H) Katherine Sheehan, Leominster	(E M) Henry C. Tenney, Winchendon

SENIOR CLASS

ELEMENTARY FOUR YEAR COURSE

(H) Barbara F. Barrett, Leominster	(S) Dorothy M. Maynard, Gardner
(S) Grace M. Callanan, West Acton	(H) Dorothy L. Mitchell, Arlington
(S) Dorothy F. Carr, Gardner	(H) Ruth L. Montgomery, Ayer
(H) Alice J. Cullinan, Holyoke	(H) Ellen E. Niemi, Townsend
(S) Ruth L. Daby, Worcester	(S) Minnie S. Perlstein, Shirley
(H) Rachel C. Dormin, Fitchburg	(H) Bessie A. Poulos, Greenfield
(S) Anna T. Dunleavy, Fitchburg	(H) Margaret M. Splaine, Boston
(H) Evelyn E. Flaherty, Clinton	(H) Malvina Sulkoski, Worcester
(H) Edna A. Galica, Chicopee Falls	(S) Marvis E. Thompson, Farley
(E) Gertrude M. Harty, Holyoke	(S) Leo Garrepy, Worcester
(H) Audrey A. Marshall, Leominster	(S) Arthur Parsons, Gloucester

SENIOR CLASS

PRACTICAL ARTS COURSE

Joshua Ainsworth, Winchendon	Ronald Peverley, Danvers
Bernard R. Belisle, Adams	Charles Poeckert, Roxbury
Walter E. Coakley, Worcester	Henry Rockel, Clinton
John E. Cogoli, Worcester	Frank Saulenas, Beverly
John J. Connors, Worcester	John F. Shea, Woburn
Willard H. Davis, Westfield	Louis Silver, Worcester
Elmer S. Hansen, Bolton	Aimo H. Teittinen, Gardner
Emile S. Johnson, Leominster	Donald S. Towle, Worcester
John F. Kady, Norwood	Donald J. Tracey, Gardner
Joseph F. Manning, Walpole	Frederick C. Wales, Beverly
Anders Nelson, Fitchburg	

SENIOR CLASS

COURSE FOR COLLEGE GRADUATES

(H) Robert Deady, Chicopee Falls	(E) Elmore K. Putnam, Claremont, N. H.
(H) James J. Dorsey, Worcester	(H) George Rice, Worcester
(H) Francis J. Finneran, Worcester	(E) John Ruddy, Worcester
(H) George O'Connor, Worcester	(H) Edward Skelley, Worcester
(E) John Powers, Worcester	(E) Mary M. Taylor, Fitchburg

SENIOR CLASS

ELEMENTARY THREE YEAR COURSE

Olive J. Berlied, West Concord	Mary A. MacDonald, Worcester
Mary E. Cronin, Worcester	Helen Majenski, Groton
Winifred Dodge,, Winthrop	Marion McCollum, East Walpole
Eva M. Ducharme, South Hadley	Mary A. O'Connor, Worcester
Alice R. Kyte, Waltham	Dorothy Osborne, Athol
Bessie Lanza, Leominster	Martha A. Souther, Groton
Anita Leighton, Leominster	Genevieve Vachowski, Baldwinville

JUNIOR CLASS

JUNIOR HIGH SCHOOL COURSE

(E H) Catherine F. Disken, West Concord	(S M) Aarne L. Hakala, Worcester
(S M) Esther M. Evans, Shirley	(E M) Felix Heins, Fitchburg
(E H) Dorothy F. Falcon, Orange	(M S) Ray J. Lund, Gardner
(E H) Kathleen Grise, Chicopee	(S H) William McAulay, Leominster
(S M) Lucille Harrington, Groton	(S M) Kenneth A. Murdock, Gardner
(E H) Mary E. Hill, West Groton	(E H) Alfred B. NeJame, North Adams
(E M) Edna M. Mackey, Westminster	(S G) Bernard O'Sheske, Fitchburg
(S H) Catherine Tarbell, Fitchburg	(E H) Peter J. O'Toole, Clinton
(S H) Aini Warttinen, Fitchburg	(S M) George A. Pimentel, Plymouth
(S M) George R. Anderson, Worcester	(E G) William Purcell, Jamaica Plain
(E G) Kenneth E. Bowen, Gardner	(S H) John J. Stacevich, Fitchburg
(E M) Carmen T. Buono, Townsend	*(E M) John Yasaitis, Fitchburg
(S H) Daniel R. Donahue, Worcester	

JUNIOR CLASS

ELEMENTARY FOUR YEAR COURSE

Margaret M. Carpentier, Fitchburg	Joice Winstanley, Attleboro
Mary L. Collins, Fall River	Walter E. Behmann, Worcester
Virginia Cossaboom, Worcester	Frederick Foley, Worcester
Mary B. Dufort, Leominster	George H. Gardner, Worcester
Phyllis Fall, Newton	Edwin H. Holt, Fitchburg
Jeannette Gwynne, Lawrence	Leo Houle, Worcester
Mary E. Haley, Winchester	William Johnson, Chicopee Falls
Dorothy E. Harris, Shirley	Gerald Langevin, Worcester
Alice T. Lee, West Concord	Thomas J. Lawless, Worcester
Louise C. MacSheehy, Worcester	Arthur B. Oulton, Fitchburg
Elizabeth Power, Gardner	Vincent A. Sjostedt, Worcester
Frances Sherburne, Gardner	Richard Wilkinson, Fitchburg
Helen Steeves, Fitchburg	

JUNIOR CLASS

PRACTICAL ARTS COURSE

Charles A. Andrews, Worcester	Everett McCue, Worcester
Robert J. Ardini, East Boston	Herbert J. Miller, Worcester
Angelo F. Barresi, Lynn	Stanley A. Naumnik, Auburn
Abraham Beleson, Worcester	Hector Patenaude, Webster
Ernest Bono, Randolph	Raymond J. Pepi, Worcester
Alfred W. Harris, Amherst	Hollis E. Sargent, Spencer
Gordon S. Hill, Methuen	Thomas F. Spring, Springfield
Marshall E. Knowlton, Grafton	Edward P. Stach, Taunton
Olavi Lahtinen, Fitchburg	Roscoe E. Twombly, Southville

SOPHOMORE CLASS

JUNIOR HIGH SCHOOL COURSE

(E M) Cecelia Callanan, West Acton	(E M) Pauline Papacolas, Clinton
(E H) Elaine Cleaves, Harvard	(E H) Aune R. Salo, Maynard
(E M) Ethel Critchley, Fitchburg	(E M) Dolores Sullivan, Fitchburg
(E G) Eleanor Cronin, Springfield	(E H) Anne C. Ward, Fitchburg
(E M) Alice Dempsey, Fitchburg	(E G) Barbara Whitmore, Fitchburg
(E H) Bessie Fisk, Orange	(E H) Lawrence Buttrick, Worcester
(E H) Ellen R. Funaiolo, Townsend	(E M) Oliver Collard, Northboro
(S G) Kathleen Garvey, Worcester	(S M) Alan R. Kempainen, Fitchburg
(E H) Margaret B. Gravel, Ayer	(E H) John L. Lavelle, Clinton
(E H) Marjorie Harkness, Fitchburg	(S G) Donald McCaffrey, Leominster
(E H) Bettie M. Harris, Leominster	(S M) Robert J. Norton, Fitchburg
(E H) Corinne E. Johnson, Leominster	(E G) Bernhard Roth, Athol
(E M) Priscilla Kenney, Fitchburg	(E H) Robert Rouleau, So. Lancaster

SOPHOMORE CLASS

ELEMENTARY FOUR YEAR COURSE

Verna D. Buckley, Fitchburg
Dorothy Cullinan, East Pepperell
Martha K. Gay, Springfield
Priscilla Griffin, Leominster
Marjorie E. Knight, Gardner
Thelma L. Parker, Fitchburg
Lucille Payea, Fitchburg
Viola Perreault, Gardner
Hazel Ridgway, West Springfield

Donald E. Buckwold, Ashby
George E. Carey, Jr., Worcester
Paul F. Foye, Lowell
* Francis J. Hanley, Fitchburg
Joseph Mahoney, Worcester
Gerald McDowell, Fitchburg
James H. Miller, Ashburnham
Robert Rooney, Worcester

SOPHOMORE CLASS

PRACTICAL ARTS COURSE

Dominic Baccaro, Maynard
Albert Caswell, Natick
John H. English, Worcester
Mitchell P. Fava, Fitchburg
George W. Forgues, Worcester
Axel H. Henrickson, Worcester
Howard L. Hirst, Leominster

Kenneth Ladner, Worcester
Carl E. Matson, Worcester
Donald A. McNeil, Springfield
Hollis Moore, Watertown
Earl C. Roseen, Worcester
Joseph E. Rush, Forest Hills

SOPHOMORE CLASS

ELEMENTARY THREE YEAR COURSE

Deborah Blazo, Watertown
Hilda Duker, Pittsfield
Pearl Duncan, Belmont
Verna B. Eastman, Turners Falls
Elizabeth D. Gibbs, Orange
Kaino Jalava, Ashby
Mildred Kilcoyne, Clinton
Rosanna LaCroix, Leominster

Marion Ledgard, Maynard
Sara J. McNally, Clinton
Irene L. Pelland, So. Hadley Falls
Ellen K. Perna, Ashby
Anne T. Reidy, Worcester
Rose T. Sullivan, Clinton
Doris A. Upton, East Weymouth

FRESHMAN CLASS

JUNIOR HIGH SCHOOL COURSE

Marion Burwick, Fitchburg
Helen M. Cassidy, Fitchburg
Mary L. Clark, Fitchburg
Dorothy M. Dolan, Fitchburg
Ruby E. Gage, Leominster
Mabel J. Gallery, Fall River
Amelia V. Gallucci, Naugatuck, Conn.
Rowna A. Garbose, Gardner
Mary A. Hanifan, Fitchburg
Bernice E. Hayford, Leominster
* Elizabeth J. Kilmartin, Fitchburg
Florence A. Lovell, Fitchburg
June M. Maroni, Fitchburg
Marguerite A. Molaghan, Fitchburg
Frances M. Moriarty, Fitchburg
Helen Paul, Fitchburg
Mildred L. Poland, Fitchburg
Ida Rovno, Fitchburg

Sipri J. Tastula, Fitchburg
Helen N. Walichowski, Turners Falls
Ailie A. Waris, Fitchburg
Doris G. Wiley, Fitchburg
Joseph D. Blasetti, Ayer
Edwin J. Chamberlain, Worcester
Vincent J. Glennon, Worcester
Matthew F. Godek, Fitchburg
* Paul D. Golden, Harvard
Kalervo Kansanniva, Maynard
Bradley W. Leonard, Fitchburg
Everett A. McDonald, Leominster
Charles H. Minnich, Fitchburg
Leonard R. Nisula, Fitchburg
Leonard J. Savignano, Newton
Ernest J. Savoy, Athol
Harlan K. Washburn, Lowell

FRESHMAN CLASS

ELEMENTARY FOUR YEAR COURSE

Nellie R. Clark, Montague
Dorothy M. Coukis, Gardner
Lucille Dolliver, Winchendon
Dorothy V. Gould, Boston
Katherine C. Halliwell, Leominster
Mary E. Hoffman, Leominster

Eva J. Leonard, Fitchburg
Helen E. Mahoney, Stoneham
Ruth E. Marcy, Leominster
Carolyn Tuttle, South Acton
William J. Donovan, Fitchburg
Walter Wasink, Farnumville

FRESHMAN CLASS

PRACTICAL ARTS COURSE

Stanley A. Anderson, Worcester
Arthur F. Balthazar, Hudson
Edmund W. Biros, Salem
Edward D. Busby, Fairhaven
Emille J. Comeau, Belmont
Worsley Fardy, Lexington
Clifford Feindel, Methuen
Paul B. Goodwin, Gloucester
Edwin S. Hedin, Shrewsbury
Herbert J. Herrick, Fitchburg

John M. Jeffrey, Worcester
George W. King, Worcester
Claude A. Lacouture, Worcester
Andrew P. Owens, Worcester
Henry A. Palmer, Fitchburg
* Stanley A. Riggs, Groton
Francis Rudenauer, Belmont
Stannard B. Sylvia, West Newton
Richard C. Turner, New Bedford
Paul K. Waring, Holyoke

FRESHMAN CLASS

ELEMENTARY THREE YEAR COURSE

Alice M. Feehan, West Concord
 Mary E. Gargulinski, Sterling
 Eleanor M. Goulart, Cambridge
 Dorothy M. Barton, Leyden

Charlotte L. Laird, South Acton
 Anna C. Hyland, Cambridge
 Irma E. Person, Leominster

SPECIAL STUDENTS

* Frances P. Antonelli, Fitchburg
 Louise Coffee, Townsend
 ** Ruth Donovan, Fitchburg
 Judith Greenwood, Fitchburg
 Alice Keating, Fitchburg
 Constance L'Ecuier, Fitchburg
 ** Doris Tappin, Gardner
 Catherine Weston, Fitchburg
 Almon L. Call, Groton
 ** Henry L. Doll, Adams

Henry L. Fischer, Fitchburg
 Clifford Gilbert, Leominster
 George E. Heald, Ashburnham
 George P. Peters, Fitchburg
 William Provenzani, Fitchburg
 ** Robert Riley, Worcester
 * Left during first semester
 ** Received degree in February, 1935

SUMMER SESSION STUDENTS

Mary E. Adams, Maynard
 Louise C. Anderson, Pembroke
 John A. Anderson, Norwood
 Jerry R. Angino, Newton Center
 Henry F. Anglin, Providence, R. I.
 Signe Antila, Fitchburg
 Harriet Austin, Fitchburg
 Marie Badger, Framingham
 Jennie P. Blaisdell, Springfield
 Thomas R. Bowler, Norwood
 Selina K. Bradley, Groton
 Catherine Buckley, Worcester
 Mabel A. Burnham, Billerica
 Carlton A. Burney, East Pepperell
 Harold Butler, Pittsburgh, Pa.
 Marion M. Campbell, Worcester
 Andrew M. Carlson, Worcester
 Kathryn Cashman, Newburyport
 Francis Cavanagh, Leominster
 Joseph T. Cavanaugh, Springfield
 Eleanor W. Clark, Dalton
 George W. Clay, Watertown
 Genevieve M. Conlon, Fitchburg
 Lucy F. Corcoran, Stockbridge
 Hazel E. Corkum, Fitchburg
 Anna B. Courtney, Fitchburg
 Mary Cronin, Worcester
 Ann B. Curry, Cambridge
 Helen B. Cushing, South Duxbury
 Louis V. Daniele, East Weymouth
 Ruth A. Doane, Athol
 Joseph M. Dolan, Leominster
 Kathleen J. Dolan, Fitchburg
 Chester G. Donovan, Fitchburg
 Delmar H. Drake, West Hartford, Conn.
 Adele M. Driscoll, Fitchburg
 Lillian M. Dunn, Bryantville
 William E. Ela, Millbury
 Deane E. Eldridge, Plymouth
 Henry Fischer, Fitchburg
 Edward W. FitzGerald, Worcester
 Mabel V. Flaherty, North Adams
 Mary C. Flanagan, Easthampton
 Caroline E. Ford, Orange
 Louis O. Forrest, Chelmsford
 William H. Frank, Orange
 Harold A. Friberg, Worcester
 Marie M. Gearan, Gardner
 Robert E. Gosselin, Springfield
 Anna H. Gray, Ayer
 Ruby M. Greer, Dunstable
 Harold A. Hadley, Hanover, N. H.
 Hope W. Hamilton, Dighton
 Beth N. Hayward, West Townsend
 Elizabeth T. Hayward, Worcester
 James Henderson, Fitchburg
 Mary M. Houlihan, Worcester
 Beatrice P. Huckins, Ashburnham
 John F. Healey, Woburn

Vera M. Huggins, Ashley Falls
 Marie C. Hynes, Lynn
 Andrew J. Karkos, Lunenburg
 Emil E. Keiler, Easthampton
 Marcella Kelly, Holyoke
 Sulo A. Kempainen, Fitchburg
 Winifred F. Keneally, New Bedford
 John E. Killelea, Leominster
 Eleanor E. Knox, Cherry Valley
 Frances M. Knox, Cherry Valley
 Helen H. Lane, Segreganset
 Joseph B. Lanza, Southbridge
 Roland M. Leach, Harvard
 Catheryn J. MacDonald, Gloucester
 Dorothy A. Mahoney, New Bedford
 John G. Malley, Hartford, Connecticut
 Florence E. Martin, North Billerica
 Mary E. Martin, Great Barrington
 Rose J. Martini, Mattapan
 Francis McAuliff, Gardner
 William J. McConnell, Adams
 Vera McElroy, Orange
 Ethel M. Moore, Danvers
 Ruth Moynihan, Maynard
 George S. Murray, Woronoco
 Howard W. Neidel, Easthampton
 Marjorie H. Nichols, North Adams
 Wesley E. Nims, Townsend
 Loyola North, Mt. Hermon
 Helen A. O'Brien, Westfield
 Julia A. O'Connor, Fitchburg
 Katherine M. O'Donnell, Holyoke
 Helen R. O'Gara, South Hadley Falls
 Margaret L. Parsons, Conway
 Muriel Pease, Vineyard Haven
 Alice R. Pepin, Fitchburg
 Alfred A. Perrault, Fitchburg
 Mildred G. Perry, Lowell
 George P. Peters, Fitchburg
 Arthur E. Peterson, Worcester
 George A. Phillips, Wollaston
 Donald D. Pierce, Worcester
 Walter D. Pierce, Worcester
 Paul Planchet, Jr., Everett
 Walter C. Polson, Fitchburg
 Margaret S. Proctor, Lunenburg
 John D. Provasoli, Marlboro
 William J. Provenzani, Fitchburg
 Helen E. Remick, Billerica
 John V. Rikkola, Peabody
 Robert D. Riley, Worcester
 Francis R. Roache, Fulton, New York
 Richard D. Roberts, Fitchburg
 Janet H. Robinson, Boston
 Norman N. Rosch, North Adams
 Bethel B. Ross, Quincy
 Lillian B. Rouillard, Chicopee Falls
 Esther M. Russell, Leominster
 Otto Salak, Framingham

SUMMER SESSION STUDENTS (CONT'D)

Mary Serra, Springfield	Dorothy Sweeney, Worcester
Margaret A. Shea, Boxborough	Lillian M. Swicker, Townsend
Charles J. Sheehan, Arlington	Catherine C. Tobin, North Adams
Francis A. Sheehan, Fitchburg	Mary E. Toomey, Gloucester
Alta M. Sherman, Orange	Mary F. Wade, Salem
James A. Smith, Arlington	Richard A. Ward, Leominster
Lillian Smith, Fitchburg	Walter H. Warriner, Wollaston
Pauline L. Smith, Orange	Edward J. Whalen, Springfield
Clifton H. Souther, Holyoke	Francis J. Whalen, Springfield
Howard L. Stannard, Mt. Vernon, N. Y.	Ruby M. Whitaker, Bernardston
Anthony T. Stavaski, Greenfield	Ralph W. Wilbur, Worcester
Mollie Stratton, Millers Falls	Kathleen M. Winfree, New Bedford
Albert R. Studer, Greenfield	Edna M. Wright, Stoneham
Herbert J. Sullivan, Springfield	Frank E. Wyld, Webster
Hilding O. Sundberg, Worcester	

Summary 1934—1935

SENIOR CLASS	Women	Men	Total
Junior High School Course	28	20	48
Four Year Elementary Course	20	2	22
Practical Arts Course		21	21
Course for College Graduates	1	9	10
Three Year Elementary Course	14		14
	63	52	115
JUNIOR CLASS			
Junior High School Course	9	16	25
Four Year Elementary Course	14	11	25
Practical Arts Course		18	18
	23	45	68
SOPHOMORE CLASS			
Junior High School Course	18	8	26
Four Year Elementary Course	9	8	17
Practical Arts Course		13	13
Three Year Elementary Course	15		15
	42	29	71
FRESHMAN CLASS			
Junior High School Course	22	13	35
Four Year Elementary Course	10	2	12
Practical Arts Course		20	20
Three Year Elementary Course	7		7
	39	35	74
Special Students	8	8	16
Total Number of Students	175	169	344
Summer Session			
Degree Credit Courses	83	67	150
Vocational Division Courses	131	284	415
Children in Schools of Observation and Practice			538

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